

C9600

OKI
PRINTING SOLUTIONS



USER'S GUIDE

C9600n/C9600dn/C9600hdn/C9600hdt



C9000
Series

PREFACE

Every effort has been made to ensure that the information in this document is complete, accurate, and up-to-date. Oki assumes no responsibility for the results of errors beyond its control. Oki also cannot guarantee that changes in software and equipment made by other manufacturers and referred to in this guide will not affect the applicability of the information in it. Mention of software products manufactured by other companies does not necessarily constitute endorsement by Oki.

While all reasonable efforts have been made to make this document as accurate and helpful as possible, we make no warranty of any kind, expressed or implied, as to the accuracy or completeness of the information contained herein.

The most up-to-date drivers and manuals are available from the Oki web site:

<http://www.okiprintingsolutions.com>

Copyright © 2005 Oki Printing Solutions

Oki and Microline are registered trademarks of Oki Electric Industry Company, Ltd.

ENERGY STAR is a trademark of the United States Environmental Protection Agency.

Microsoft, MS-DOS and Windows are registered trademarks of Microsoft Corporation.

Other product names and brand names are registered trademarks or trademarks of their proprietors.



As an ENERGY STAR Program Participant, the manufacturer has determined that this product meets the ENERGY STAR guidelines for energy efficiency.



This product complies with the requirements of the Council Directives 89/336/EEC (EMC), 73/23/EEC (LVD) and 1999/5/EC (R&TTE), as amended where applicable, on the approximation of the laws of the member states relating to Electromagnetic Compatibility, Low Voltage and Radio & Telecommunications Terminal Equipment.

This printer is equipped with the following embedded RFID read/write system:

Product name : Embedded RFID Read/Write System

Model number : RX4004A

The label on the RFID unit contains the following information:

Oki Data Corporation

Model number : RX4004A

Serial number :

| |
|--------------------------------------|
| Complies with IDA Standards DB100707 |
|--------------------------------------|



NOTES, CAUTIONS AND WARNINGS!

NOTE

A note provides additional information to supplement the main text.

CAUTION!

A caution provides additional information which, if ignored, may result in equipment malfunction or damage.

WARNING!

A warning provides additional information which, if ignored, may result in a risk of personal injury.

SAFETY WARNINGS

This product has been carefully designed to give years of safe, reliable performance. As with all electrical equipment, however, there are a few basic precautions that should be taken to avoid injury or damage, therefore please be careful to read and understand the safety warnings on the following pages before operating the product.

WARNING!



Ensure all warning and instruction labels on this product are read, understood and followed in order to prevent any risk of injury.



Ensure this and all other documentation is both read carefully and retained for future reference.



This product may be heavy. Please check the weight of this product and take all necessary precautions to prevent any risk of personnel injury.



This product must be placed on a flat solid surface strong enough to support its weight to prevent any risk of injury.



Ensure that there is adequate ventilation all around this product to prevent overheating and any risk of fire.

WARNING!



Keep this product away from direct heat sources such as radiators and out of direct sunlight to prevent any risk of overheating.



The power supply required for this product is 220 - 240 VAC, 50/60 Hz. Refer to your product's rating label for full power rating details. Ensure that you have a suitable power supply before connecting the product. If in doubt contact your dealer or check with your local power provider.



Ensure both the product and mains power switches are in the OFF position before connecting the AC power cable.



This product has an earthed plug as a safety feature and will only connect to an earthed socket. Do not attempt to defeat the earthing or there is a risk of fire or shock.

WARNING!



If using an extension cable or power strip ensure that the total current rating (amperes) of all connected equipment is less than the maximum rating of the extension cable, power strip or wall outlet. Otherwise fire or shock may occur.

If this product is already supplied with a fitted power strip then NO additional power strip or extension cable should be used to connect to the mains wall outlet.



Ensure the power cable is routed so as not to be damaged or cause a trip hazard. If the cable becomes frayed or damaged, replace it immediately to prevent any risk of shock.



Do not twist, constrict or knot the power cable as this can cause overheating which may lead to fire or electric shock.



Ensure the power socket to which this product is connected is easily accessible at all times.



Do not connect or disconnect the power plug with a wet hand as this may cause electric shock.

WARNING!



Always hold the power plug to connect/disconnect the power cable to/from the mains socket. Unplugging by pulling on the cable can cause fraying and may lead to fire or electric shock.



Use only the power cable and power strip supplied. Using a power cable or power strip not intended for this product may lead to fire or electric shock.



To avoid risk of fire and electric shock, do not use the power cable or power strip supplied with this product for any other electrical equipment.



If you do not connect the power cord or any other cables only as directed in the User's Guide, this may result in a fire.



Ensure loose clothing and hair are kept clear of moving parts when this product is in operation to prevent possible risk of injury.



It is recommended that this product is switched off prior to opening any covers.



When this product's cover is open, do not touch the fuser unit or print head as you may receive burns. Allow them to cool before touching.

WARNING!



If this product's casing gets extremely hot or smoke, unusual smells or abnormal noises are emitted from this product, there is a risk of fire. Unplug the mains connector and contact your dealer.



If this product has been knocked over or damaged, there is a risk of electric shock, fire and/or injury. Unplug the mains connector and contact your dealer.



If any liquid (for example water) is allowed to enter this product, there is a risk of fire. Unplug the mains connector and contact your dealer.



Do not place containers containing liquid on this product as electric shock, fire and/or injuries may occur.



If any foreign objects (for example clips) are allowed to enter this product, there is a risk of electric shock, fire and/or injury. Unplug the mains connector before removing the object.



Do not introduce foreign objects into the ventilation holes or operate this product with covers open or removed as electric shock, fire and/or injuries may occur.

WARNING!



Do not use an extremely flammable spray near this product as the product contains high temperature parts that may cause a fire.



Switch this product off before cleaning to prevent any risk of injury. Clean using a damp cloth. Do not use liquid or aerosol cleaners.



Do not carry out any operations on this product that are not specified in the User's Guide. This may result in electric shock, fire and/or injury.



Do not touch the battery if one is fitted to the product. There is a risk of explosion if the battery is replaced by an incorrect type. The product battery should not require replacement during the life of the printer.



After installing additional memory, hard disk drive or any other internally fitted option, any covers removed or doors opened must be closed or replaced and secured to prevent any risk of fire or electric shock.

WARNING!



If items such as scanners or finishers are fitted, please exercise care when moving these items so as to avoid risk of entrapment or personnel injury.



If this product is installed on a cabinet or high capacity feeder, ensure wheel locks are applied once it is placed in final position for use, to prevent risk of movement or injury.



Take care with toner powder. If swallowed, induce vomiting and seek medical attention. Never attempt to induce vomiting if person is unconscious.



Take care with toner powder. If inhaled, move the person to an open area for fresh air. Seek medical attention.



Take care with toner powder. If it gets into the eyes, flush with large amounts of water for at least 15 minutes keeping eyelids open. Seek medical attention.



Take care with toner powder. Spillages should be treated with cold water and soap to help reduce risk of staining skin or clothing.

WARNING!



Do not throw toner cartridges or image drum cartridges into a fire as you may receive burns from a dust explosion.



This product is designed to operate within the following environmental operating conditions:

Temp: 10 to 32°C

Humidity: 20 to 80% RH



The acoustic noise level of this product is 70 dB(A) or less according to EN ISO 7779.

Imported into the EU by:

**OKI Europe Ltd, trading as Oki Printing Solutions,
Central House,
Balfour Road,
Hounslow,
Middlesex,
TW3 1HY
United Kingdom.**

For all sales, support and general enquiries contact your local distributor.

CONTENTS

| | |
|--|-----------|
| Preface | 2 |
| Notes, cautions and warnings! | 4 |
| Safety warnings | 5 |
| Introduction | 16 |
| Features | 16 |
| About this guide | 18 |
| Online usage | 19 |
| Printing pages | 19 |
| Printer and paper overview | 21 |
| Opening and closing the top cover | 21 |
| Identifying major components | 23 |
| Software supplied | 28 |
| Paper recommendations | 28 |
| Paper input and output information | 29 |
| Trays and stackers | 30 |
| Trays 1 to 5 | 30 |
| MP tray | 30 |
| Face-down stacker | 31 |
| Face-up stacker | 31 |
| Duplex unit (if installed) | 31 |
| Tray and stacker examples | 32 |
| Loading Trays 1 to 5 | 32 |
| Using the MP Tray | 34 |
| Using the stackers | 37 |
| Control panel | 39 |
| Controls and indicators | 39 |
| LCD panel modes | 41 |
| Status information | 41 |
| Menu (Functions) information | 41 |
| Configuration information | 42 |
| Help mode | 42 |
| LCD panel messages | 42 |
| Using the menus | 43 |
| Getting started | 44 |
| Printer location | 44 |
| Turning Off/On | 45 |
| Turning Off | 45 |
| Turning On | 47 |
| Changing the display language | 47 |
| Checking current settings | 48 |

| | |
|--|-----------|
| Interfaces and connection | 49 |
| Connecting the parallel interface | 50 |
| Connecting the USB interface | 50 |
| Connecting the network interface | 51 |
| Using the Drivers CD | 52 |
| Operation | 53 |
| Using the printer | 53 |
| Consumables and maintenance | 54 |
| Checking consumable/maintenance item usage | 54 |
| Replacement indications | 54 |
| Consumable item order information | 55 |
| Maintenance item order details | 55 |
| Replacing consumables/maintenance items | 56 |
| Cleaning the LED heads | 56 |
| Cleaning the paper feed rollers | 58 |
| Cleaning the printer casing | 61 |
| Emptying the punch chip box (Punch unit optional accessory) | 63 |
| Optional accessories | 65 |
| Accessory order information | 66 |
| Installing accessories | 67 |
| Troubleshooting | 68 |
| General | 68 |
| Paper jams | 68 |
| Paper jams – printer | 68 |
| Open cover, paper jam, ttttt side cover | 69 |
| Open cover, paper jam, side cover | 70 |
| Open cover, paper jam, top cover | 72 |
| Paper jams – duplex unit (if installed) | 78 |
| Check duplex unit, paper jam | 78 |
| Paper jams – Finisher (optional accessory) | 84 |
| Check Finisher, paper jam/paper remains | 84 |
| 591, 592, 593, 599/ 643, 645 (paper jam around Finisher) | 84 |
| 594, 597, 598/ 644, 646 (paper jam in Finisher) | 87 |
| 590 (paper jam in Finisher/Punch unit) | 90 |
| Check Inverter, paper jam | 93 |
| Avoiding paper jams | 97 |
| Dealing with unsatisfactory printing | 98 |
| Staple jams – Finisher (optional accessory) | 100 |
| Check Finisher, Staple Jam | 100 |

| | |
|---|------------|
| Specifications | 105 |
| Appendix A – LCD Messages | 107 |
| Appendix B – Menu system | 109 |
| Configuration | 110 |
| Print Page Count | 110 |
| Finisher Count | 110 |
| Supplies Life | 111 |
| Network | 112 |
| Paper Size in Tray | 114 |
| System | 114 |
| Configuration example – monochrome pages printed | 115 |
| Print Information | 116 |
| Print Information example – demonstration page | 117 |
| Print Secure Job | 117 |
| Menus | 118 |
| Tray Configuration | 118 |
| System Adjust | 122 |
| Menus example 1 – Tray 1 transparencies | 125 |
| Menus example 2 – MP Tray paper size | 126 |
| Index | 127 |
| Oki contact details | 129 |

INTRODUCTION

Congratulations on buying an Oki colour printer. Your new printer is designed with advanced features to give you clear, vibrant colour prints and crisp black and white pages at high speed on a range of print media for the office.

There are four different models available: C9600n, C9600dn, C9600hdn and C9600hdt, where n denotes networking capability, d denotes duplex unit installed, h denotes hard disk drive installed and t denotes high capacity feeder installed.

FEATURES

The following features are standard on all models:

- > Up to 36 pages per minute in full colour for fast printing of high impact colour presentations and other documents
- > Up to 40 pages per minute in black and white for fast and efficient printing of all general purpose documents not requiring colour
- > 1200 x 600 dpi (dots per inch) print resolution for high quality image production showing the finest detail
- > ProQ2400 multilevel technology produces subtler tones and smoother gradations of colour to lend photographic quality to your documents
- > Single Pass Colour Digital LED technology for high speed processing of your printed pages
- > 10Base-T and 100Base-TX network connection lets you share this valuable resource among users on your office network
- > USB 2.0 and parallel (IEEE-1284) interfaces
- > PCL, PS, IBM PPR, Epson FX emulations
- > "Ask Oki" – a brand new, user-friendly function that gives a direct link from your printer driver screen (but not illustrated in this guide) to a dedicated web site specific to the exact model you are using. This is where you will find all the advice, assistance and support you could need to help you get the best possible results from your Oki printer.

Additionally, the following optional features are available:

- > Automatic two-sided (duplex) printing for economical use of paper and compact printing of larger documents

NOTE

This optional feature is only applicable to the C9600n.

- > Hard disk drive enables spooled and verified printing

NOTE

This optional feature is only applicable to the C9600n and C9600dn.

- > Additional paper trays for loading a further 530 sheets at a time to reduce operator intervention, or different paper stocks for letterhead stationery, alternative paper sizes or other print media:

- > 2nd/3rd Tray (530 sheets each)

- > High Capacity Feeder (HCF) (1590 sheets)

NOTE

1. *Tray configurations are: Tray 1 only, Tray 1 + 2nd Tray, Tray 1 + 2nd Tray + 3rd Tray, Tray 1 + HCF, Tray1 + 2nd Tray + HCF*

2. *The C9600hdtm already has a High Capacity Feeder installed and so can only accommodate one additional tray (to give the maximum total of five).*

- > Additional memory
- > Finisher (for stapling printer output)
- > Punch unit (to extend Finisher functionality)
- > Wireless LAN networking capability
- > Printer cabinet

ABOUT THIS GUIDE

NOTE

Images used in this manual may include optional features that your printer does not have installed.

This manual is your user's guide (check the web site, www.okiprintingsolutions.com, for the most up-to-date version) for your printer and forms part of the overall user support listed below:

- > **Set-up guide:** to describe how to unpack, connect and turn on your printer

This is a paper document that is packaged with the printer.

- > This **User's Guide:** to help you to become familiar with your printer and make the best use of its many features. Also included are guidelines for troubleshooting and maintenance to ensure that it performs at its best. Additionally, information is provided for adding optional accessories as your printing needs evolve.

This is an electronic document stored on CD3.

- > **Printing Guide** for Windows users and Mac users: to help you operate your printer effectively and efficiently

This is an electronic document stored on CD3.

- > **Configuration Guide:** to provide machine configuration and network configuration information

This is an electronic document stored on CD3.

- > **Installation Guides:** accompany consumable items and optional accessories to describe how to install them

These are paper documents that are packaged with the consumables and optional accessories.

- > **Online Help:** online information accessible from the printer driver and utility software

ONLINE USAGE

This guide is intended to be read on screen using an Adobe Acrobat Reader. Use the navigation and viewing tools provided in Acrobat.

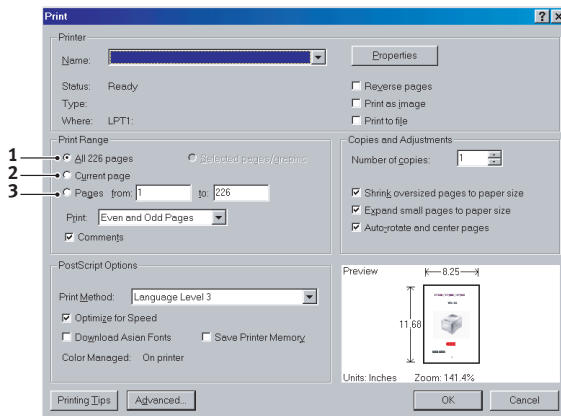
You can access specific information in two ways:

- > In the list of bookmarks down the left hand side of your screen, click on the topic of interest to jump to the required topic. (If the bookmarks are not available, use the ["Contents" on page 13.](#))
- > In the list of bookmarks, click on Index to jump to the Index. (If the bookmarks are not available, use the ["Contents" on page 13.](#)) Find the term of interest in the alphabetically arranged index and click on the associated page number to jump to the page containing the term.

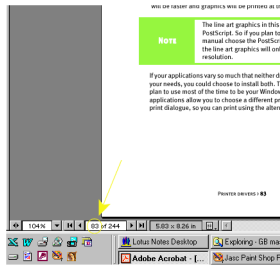
PRINTING PAGES

The whole manual, individual pages, or sections may be printed. The procedure is:

1. From the toolbar, select [File], then [Print] (or press the Ctrl + P keys).
2. Choose which pages you wish to print:
 - (a) [All pages], (1), for the entire manual.
 - (b) [Current page], (2), for the page at which you are looking.



- (c) [Pages from] and [to], (3), for the range of pages you specify by entering their page numbers.



3. Click on [OK].

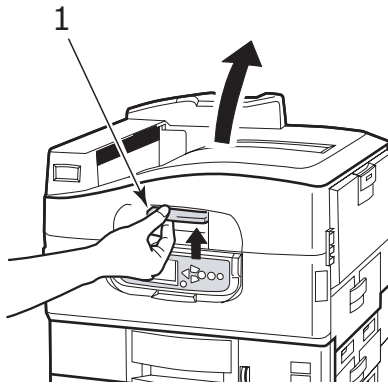
PRINTER AND PAPER OVERVIEW

OPENING AND CLOSING THE TOP COVER

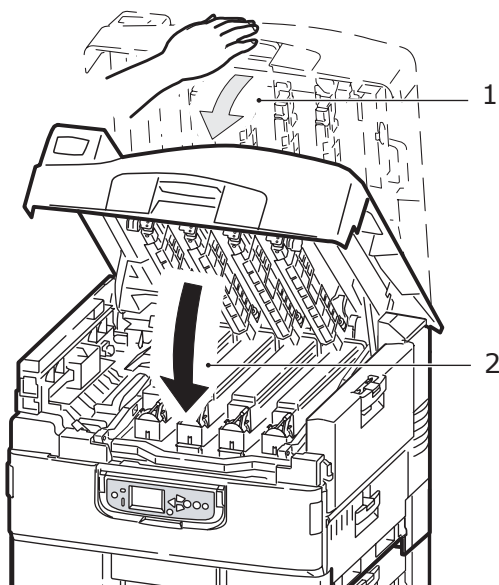
CAUTION!

To gain access to the inside of the printer, ensure that the top cover is fully opened.

To open the top cover, squeeze the top cover handle (1) to release the catch and raise the cover.



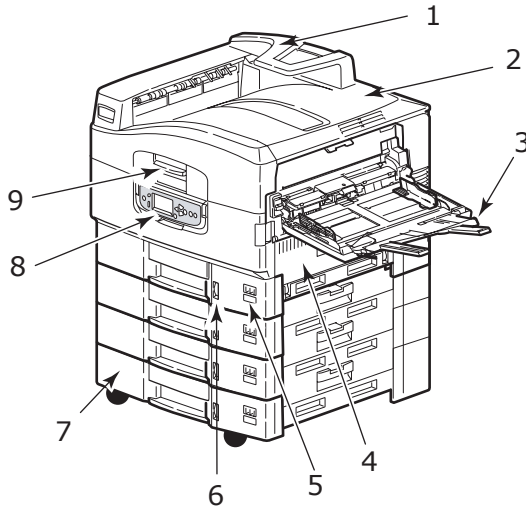
To close the top cover, push gently (1) until the cover stops midway and then push harder (2) to close the cover completely. Ensure that the cover is securely closed.



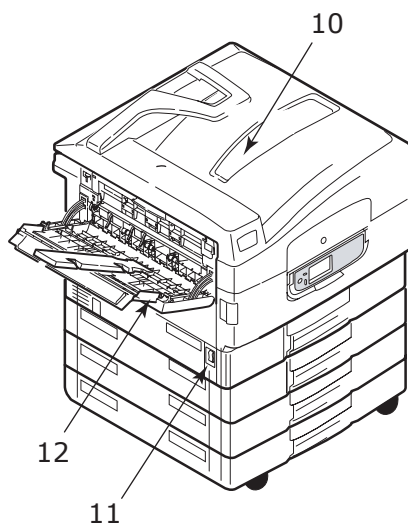
IDENTIFYING MAJOR COMPONENTS

The major components of your printer are identified in the representations below.

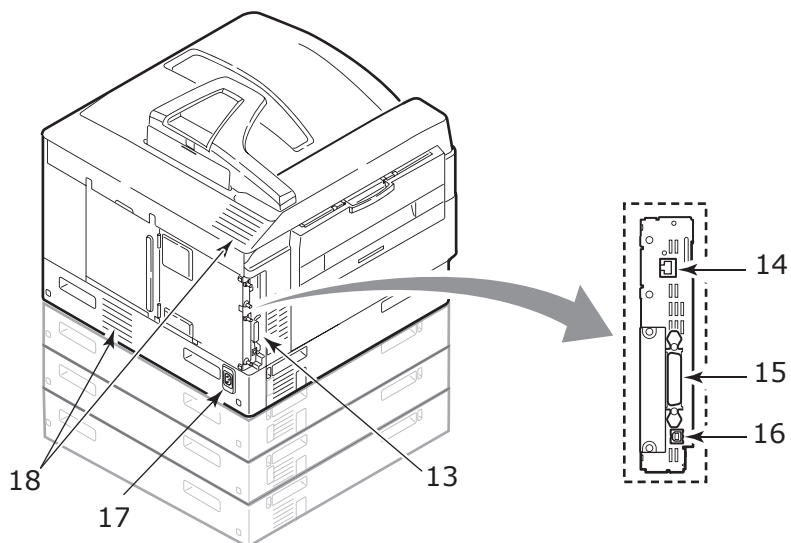
1. Paper holding arm
2. Top cover (face-down stacker)
3. MP Tray (multi-purpose tray)
4. Tray 1 side cover
5. Paper size label
6. Paper volume indicator
7. Tray 1 (paper tray)
8. Control panel
9. Top cover handle



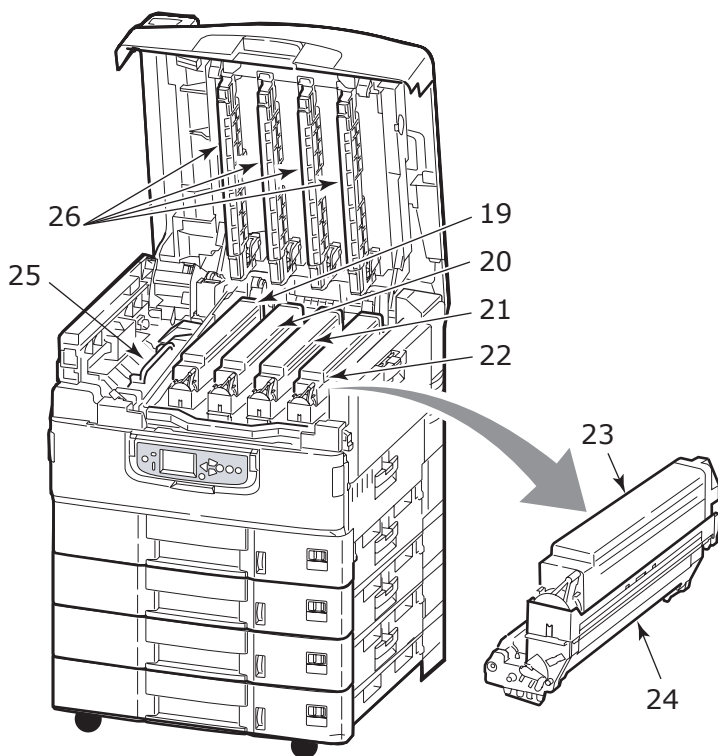
- 10.** Face-down stacker
- 11.** Power (on/off) switch
- 12.** Face-up stacker



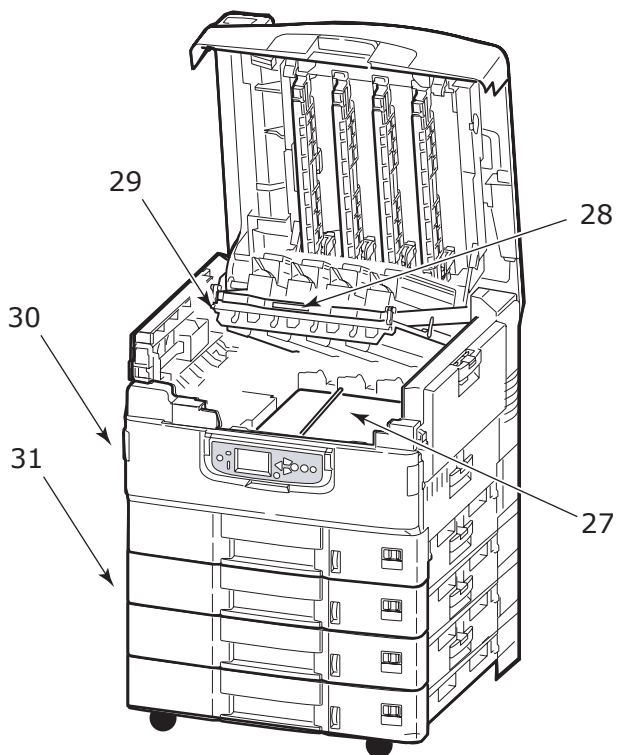
- 13.** Interface unit
- 14.** Network interface connector
- 15.** Parallel interface connector
- 16.** USB interface connector
- 17.** Power connector
- 18.** Ventilation holes



- 19.** Image drum cartridge and toner cartridge (Cyan)
- 20.** Image drum cartridge and toner cartridge (Magenta)
- 21.** Image drum cartridge and toner cartridge (Yellow)
- 22.** Image drum cartridge and toner cartridge (Black)
- 23.** Toner cartridge
- 24.** Image drum cartridge
- 25.** Fuser unit
- 26.** LED heads



- 27.** Belt unit
- 28.** Drum basket handle
- 29.** Drum basket
- 30.** Duplex unit
- 31.** High Capacity Feeder (HCF), three trays



SOFTWARE SUPPLIED

CDs:

- > CD1 – Drivers and Utilities
Contains driver and application software for use by a general user.
- > CD2 – Network and Administrator Utilities
Contains software for use by system administrators.
- > CD3 – User's Guides
Contains documentation in electronic form (for example, the User's Guide and Printing Guide) to describe how to use the printer for day-to-day printing tasks.

PAPER RECOMMENDATIONS

Your printer will handle a variety of print media, including a range of paper weights and sizes, transparencies and envelopes. This section provides general advice on choice of media, and explains how to use each type.

The best performance will be obtained when using standard weight 75 – 90g/m² paper designed for use in copiers and laser printers. Suitable types are:

- > Arjo Wiggins Colour Solutions 90g/m²
- > Colour Copy by Neusiedler

Use of heavily embossed or very rough textured paper is not recommended.

Pre-printed stationery can be used, but the ink must not offset when exposed to the high fuser temperatures used in the printing process.

Envelopes should be free from twist, curl or other deformations. They should also be of the rectangular flap type, with glue that remains intact when subjected to hot roll pressure fusing used in this type of printer. Window envelopes are not suitable.

Transparencies should be of the type designed for use in copiers and laser printers. In particular, avoid office transparencies designed for use by hand with marker pens. These will melt in the fuser and cause damage.

Labels should also be of the type recommended for use in copiers and laser printers, in which the base carrier page is entirely covered by labels. Other types of label stock may damage the printer due to the labels peeling off during the printing process. Suitable types are:

- > Avery White Laser Label types 7162, 7664, 7666 (A4), or 5161 (Letter)
- > Kokuyo A693X series (A4) or A650 (B5)

PAPER INPUT AND OUTPUT INFORMATION

The following table relates paper parameters to input trays (Tray 1 to Tray 5 (numbering from the top) and MP Tray) and to output areas (Face-down stacker and Face-up stacker).

| TYPE | SIZE | WEIGHT | INPUT/ OUTPUT |
|-------------|---|------------------------------------|--------------------------------------|
| Plain paper | A3, A3 Nobi, A3 Wide, A4, A5, A6, B4, B5, Letter, Legal 13, Legal 13.5, Legal 14, Executive, Tabloid, Tabloid Extra | 64 – 216g/m ² | Any Tray Any Stacker |
| | Custom W: 100 – 328mm L: 148 – 457.2mm | 64 – 216g/m ² | Any Tray Face-up Stacker |
| | Custom W: 79.2 – 328mm L: 90 – 457.2mm | 64 – 268g/m ² | MP Tray Face-up Stacker |
| | Banner W: A4 width L: 457.2 – 1200mm | 128g/m ² recommended | MP Tray Face-up Stacker |
| | Index card: 76.2 x 127mm | 64 – 268g/m ² | MP Tray Face-up Stacker |
| Postcard | – | – | Tray 1 or MP Tray Face-up Stacker |

| TYPE | SIZE | WEIGHT | INPUT/ OUTPUT |
|--------------------------------|---|--------------------------------------|--------------------------------------|
| Envelope | 120 x 235mm 90 x 205mm 235 x 120mm 235 x 105mm 240 x 332mm 216 x 277mm 119 x 197mm 210 x 297mm | 85g/m ² | MP Tray Face-up Stacker |
| | 324 x 229mm 229 x 162mm 220 x 110mm 225.4 x 98.4mm 241.3 x 104.8mm 190.5 x 98.4mm | Based on 90g/m ² paper | |
| Labels | A4, Letter, B5 | 0.1 – 0.2mm | MP Tray Face-up Stacker |
| Transparencies Glossy paper | A4, Letter | 0.1 – 0.11mm | Tray 1 or MP Tray Face-up Stacker |

TRAYS AND STACKERS

TRAYS 1 TO 5

Tray 1 is the standard blank paper input tray and can hold up to 530 sheets of paper. Additional trays, to give a total of five, can be added as an option to give a total tray capacity of 2650 sheets of paper.

If you have identical paper stock loaded in another tray (for example Tray 2 or the MP Tray), you can have the printer automatically switch to that other tray when the current tray runs out of paper. This function can be enabled by driver settings when printing from a Windows application or by a menu setting when printing from other applications.

MP TRAY

The multi-purpose tray is used for media sizes additional to those of the standard trays, heavier media weights and special media.

The multi-purpose tray can handle the same sizes as the standard trays but in weights up to 268g/m². For very heavy paper stock use

the face-up paper stacker. This ensures that the paper path through the printer is almost straight.

The multi-purpose tray can feed paper widths as small as 76.2mm and lengths up to 1200mm. For banner printing, recommended sizes are A4 wide, 900mm and 1200mm long and weight 128g/m². Since paper of width less than 100mm does not autofeed, you have to press the ONLINE button to cause it to feed.

Use the multi purpose tray for printing on envelopes and transparencies. Up to 100 sheets of transparencies or 25 envelopes can be loaded at one time, subject to a maximum stacking depth of 25mm.

Paper or transparencies should be loaded print side up and top edge into the printer. Do not use the duplex (two-sided printing) function for transparencies.

FACE-DOWN STACKER

The face-down stacker on the top of the printer can hold up to 500 sheets of 80g/m² standard paper, and can handle paper stocks from 64 – 216g/m². Pages printed in reading order (page 1 first) will be sorted in reading order (last page on top, facing down).

FACE-UP STACKER

The face-up stacker should be opened and the tray extension pulled out when required for use. (With the face-up stacker either open or closed, the driver setting of Face Down will successfully direct prints to the Face-Down stacker.)

The face-up stacker can hold up to 250 sheets of 80g/m² standard paper and can handle stocks up to 268g/m².

Always use this stacker and the multi-purpose feeder for paper stocks heavier than 216g/m².

DUPLEX UNIT (IF INSTALLED)

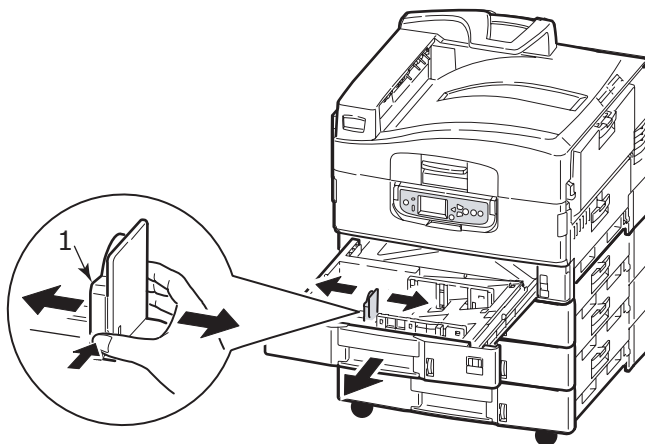
This unit provides automatic two-sided printing on plain paper fed from Trays 1 – 5 or the MP Tray. Applicable paper sizes are A6, A5, B5, B5LEF, Executive, A4, A4LEF, Letter, LetterLEF, Legal 13 in, Legal 13.5 in, Legal 14 in, B4, Tabloid, Tabloid Extra, A3, A3 Wide, A3 Nobi, Custom size (100 – 328mm wide, 148 – 457.2mm long), using paper stocks in the range 64 – 120g/m².

TRAY AND STACKER EXAMPLES

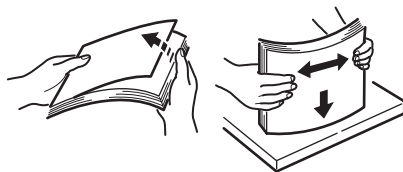
LOADING TRAYS 1 TO 5

Tray 1 is used in the following example.

1. Pull out the tray.
2. Press the paper rear stopper tab (1) and adjust the tab to the required paper size.



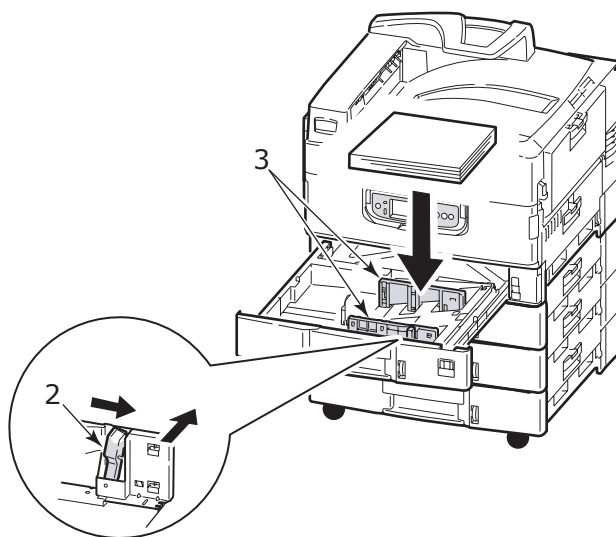
3. Fan the paper to be loaded then tap the edges of the stack on a flat surface to make it flush.



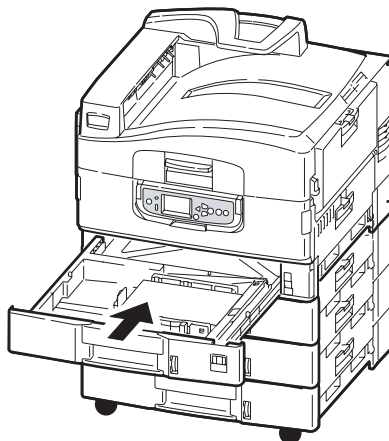
- 4.** Load the paper (face down and top edge towards the right for headed paper), press the tab (2) on the paper guide and adjust the guides (3) for a snug fit to the paper.

To avoid paper jams:

- > Do not leave space between the paper and the guides and rear stopper.
- > Do not overfill the paper tray. Capacity depends on the paper type.
- > Do not load damaged paper.
- > Do not load paper of different sizes or types at the same time.

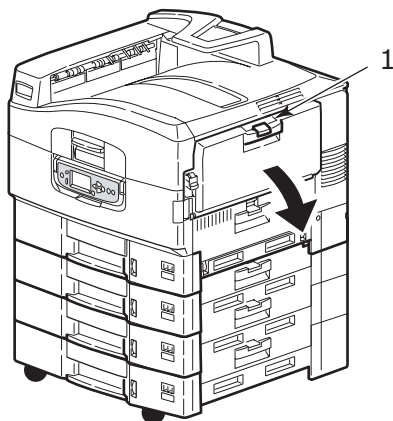


5. Gently push the tray back into the printer.

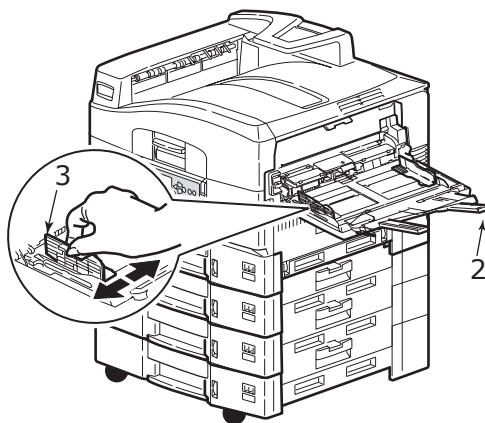


USING THE MP TRAY

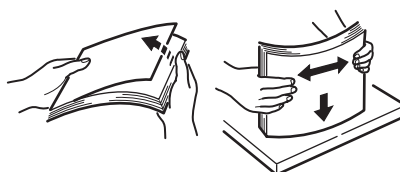
1. Squeeze the handle (1) and open the multi-purpose tray.



2. Fold out the paper support section and swivel out the extension supports (2).

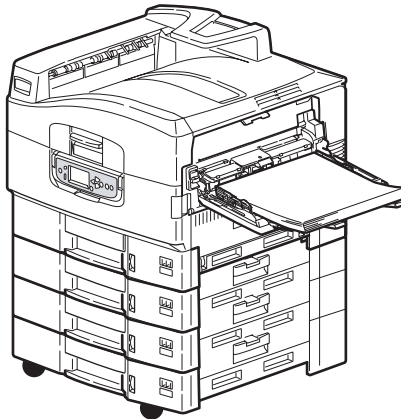


3. Adjust the paper guides (3) to the size of the paper being used.
4. Fan the paper to be loaded then tap the edges of the stack on a flat surface to make it flush.



5. Load the paper.

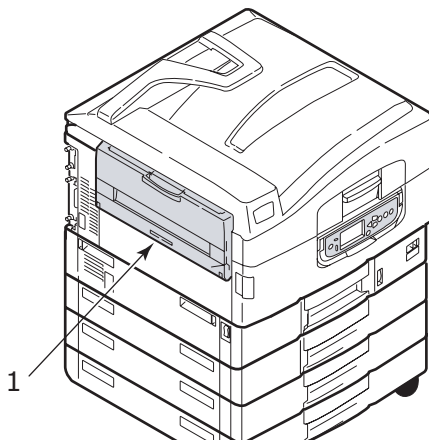
- > For single-sided printing on headed paper, load the paper into the multi-purpose tray with pre-printed side up and top edge into the printer.
- > For two-sided (duplex) printing on headed paper, load the paper with pre-printed side down and top edge away from the printer. (The duplex unit must be installed for this function.)
- > Envelopes should be loaded face-up with long edge into the printer. Do not select duplex printing on envelopes.
- > Do not leave space between the paper and the guides.
- > Do not exceed the paper capacity of approximately 230 sheets, 100 transparencies or 25 envelopes. Maximum stacking depth is 25mm.



USING THE STACKERS

Face-down stacker

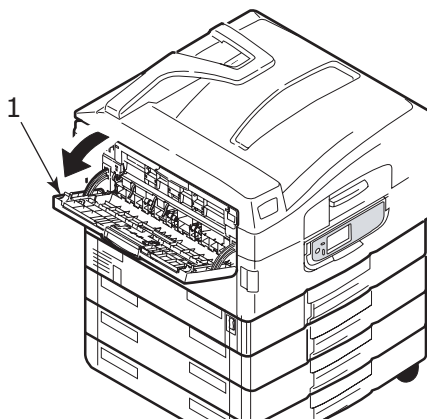
When the face-up stacker (1) on the left side of the printer is closed (its normal position), paper is ejected to the face-down stacker on the top of the printer.



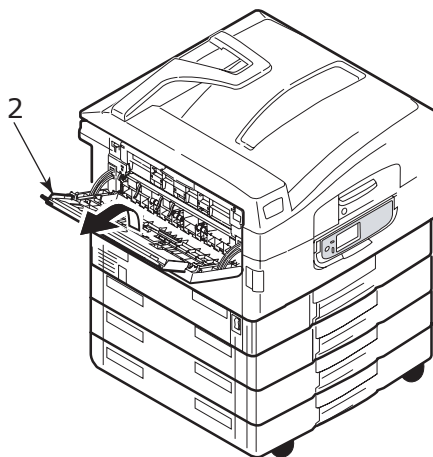
Face-up stacker

The face-up exit path is used for heavy paper (cardstock etc.), envelopes, transparencies, and labels.

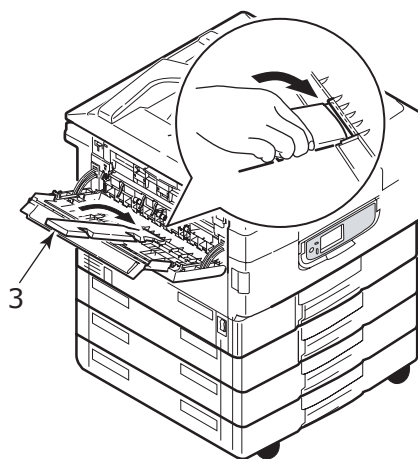
1. Open the stacker (1).



2. Flip out the paper support (2).

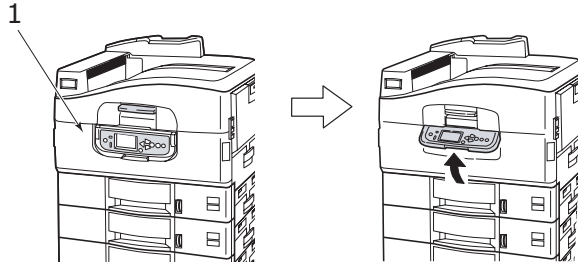


3. Swivel out the paper support extension (3).



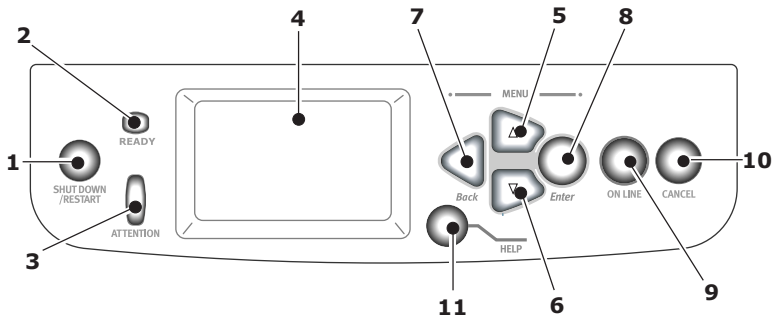
CONTROL PANEL

The control panel can be swivelled to 90° (maximum) upwards from its base position (1) as required for ease of use.



CONTROLS AND INDICATORS

The parts of the control panel are identified and briefly explained below:



1. Shutdown/Restart button

Hold down for more than 2 seconds for a soft shutdown. You can then press this button again for a restart or use the **Power** switch to turn off the printer completely.

2. Ready indicator

On: indicates ready to print

Flashing: indicates processing print data

Off: indicates unable to receive data (offline)

3. Attention indicator

Off: indicates normal operation

Flashing: indicates error(s) present but printing can continue

On: indicates error(s) present and printing cannot continue

4. LCD panel

Displays status and setup information for the printer and user help information in your chosen language

5. Up-arrow button

Enters menu mode and enables upward movement through the displayed list of menu items

6. Down-arrow button

Enters menu mode and enables downward movement through the displayed list of menu items

7. Back button

Returns to the previous higher level menu item

8. Enter button

Enters menu mode and selects the menu item highlighted in the LCD panel

9. Online button

Switches between online (printer ready to receive data) and offline (printer not ready to receive data)

10. Cancel button

Cancels current print job

11. Help button

Provides additional textual or image data to supplement what is displayed on the LCD panel

LCD PANEL MODES

The LCD panel can display the following:

- > Status information
- > Menu (functions) information
- > Configuration information
- > Help information

STATUS INFORMATION

Status information is associated with three printer states:

In the Information state, such as idling or printing, the printer is able to process print jobs.

In the Warning state, the printer has encountered some minor problem but is still able to process print jobs.

In the Error state, the printer has encountered a problem and cannot continue printing until the user has intervened and removed the cause of the trouble.

The top two lines of the display panel show the printer status. The bottom of the display panel normally shows a bar chart of the toner usage.

MENU (FUNCTIONS) INFORMATION

There are three types of menu (functions) information:

User menus: activated by pressing the **Enter** button, **Up-arrow** or **Down-arrow** button on the control panel. These menus are available to the general user to make various settings that are used in the running of the printer.

Administrator menu: activated by pressing the **Enter** button for more than 2 seconds while turning on the printer power supply (including Restart). Available to administrator level users. Restricts the changes that general users can make via the user menus.

System maintenance menu: activated by pressing the **Up-arrow** and **Down-arrow** buttons together for more than 2 seconds while turning on the printer power supply

(including Restart). Available to specialist staff to allow printer configurations and special functions to be set.

CONFIGURATION INFORMATION

Configuration information displays printer configuration information such as internal firmware versions.

Menu options at each level can be scrolled through by moving the highlight with the **Up-arrow/Down-arrow** buttons and a highlighted option at that level can be selected by pressing the **Enter** button. When the lowest level menu has been selected, you can change the setting for that menu by selecting the required highlighted value from a list or by entering a numeric value. In other cases, you can display or print configuration information.

HELP MODE

When an error has occurred, press the **Help** button. Information displays that will help you correct the error.

LCD PANEL MESSAGES

The LCD panel messages, supplemented by the Help messages where appropriate, are intended to be self-explanatory. More information on typical messages is provided in ["Appendix A – LCD Messages" on page 107](#).

USING THE MENUS

NOTE

Menu details are given in ["Appendix B – Menu system" on page 109](#) for reference.

The **Enter**, **Up-arrow**, **Down-arrow** and **Back** buttons are used to move through the printer menus. You can adjust settings (e.g. set the paper size for Tray 1) or view information (e.g. how much is left of a selected consumable).

Many of these menu settings can be, and often are, overridden by settings in the Windows printer drivers. However, several of the driver settings can be left at "Printer Setting," which will then default to the settings entered in these printer menus.

The steps involved in using the menus are typically as follows:

1. Ensure that the LCD panel indicates that the printer is ready to print.
2. Enter User menu mode by pressing either the **Enter** button or the **Up-arrow** or **Down-arrow** button and press the latter two repeatedly as required until the desired menu is highlighted in the displayed list.
3. Press the **Enter** button to select this menu.
4. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until the desired Item is highlighted.
5. Press the **Enter** button to select this Item.
6. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until the desired Value is highlighted.
7. Press the **Enter** button to select this Value. (If you are setting a parameter, ensure that an asterisk (*) appears beside the selected parameter Value.)
8. Press the **Online** button to exit menu mode and return to the ready to print status.

Refer to the section entitled ["Getting started" on page 44](#) and ["Appendix B – Menu system" on page 109](#) for examples of using the menus.

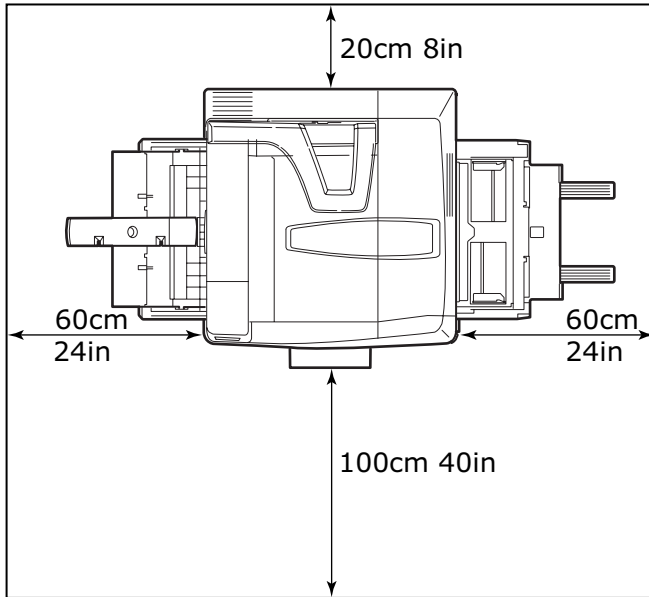
GETTING STARTED

This section provides information to help you get started with using your printer.

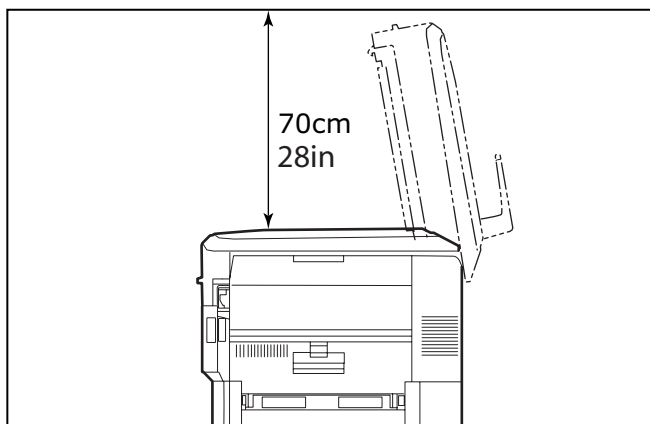
PRINTER LOCATION

Check that you have sufficient space for access:

> around your printer:



> above your printer:

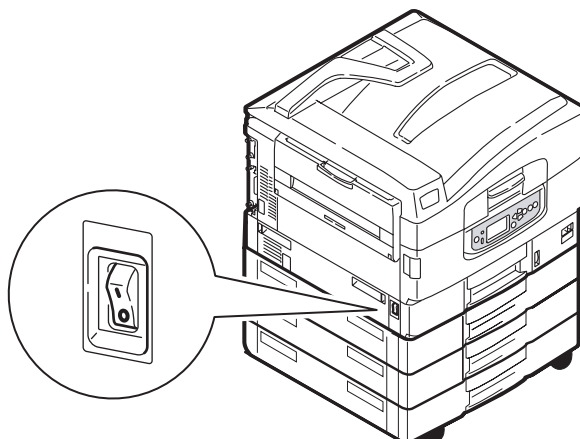


TURNING OFF/ON

TURNING OFF

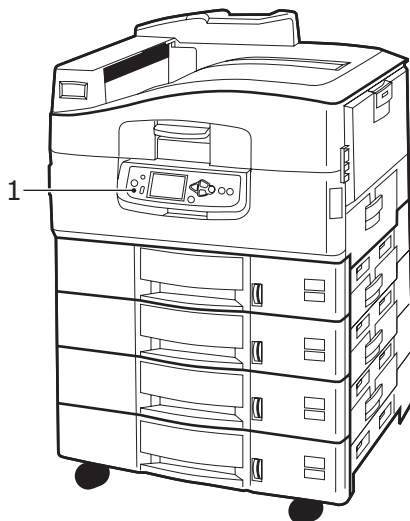
No hard disk drive installed

1. If a hard disk drive is NOT installed, set the printer **Power** switch to Off.

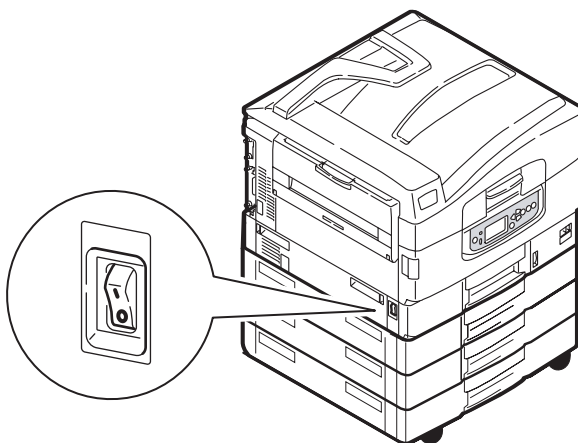


Hard disk drive installed

1. Press and hold down the **Shutdown/Restart** button (1) on the control panel to start the shutdown process.



2. When the LCD display shows that you can either turn off or restart the printer, set the printer **Power** switch to Off. Please wait as this may take a short time.

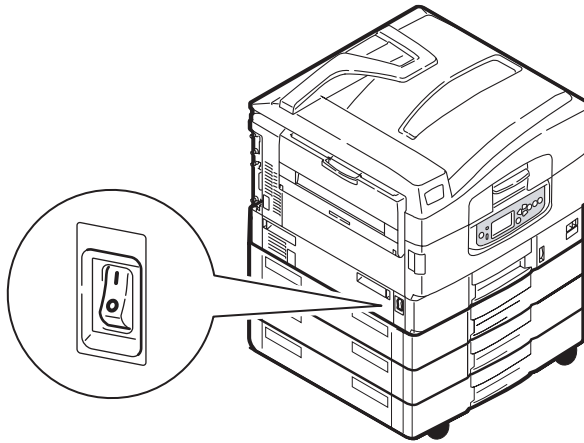


TURNING ON

NOTE

If you have used the **Shutdown/Restart** button to reduce the printer to a state where the LCD panel indicates it can be turned off or restarted, you can turn it on again by pressing the **Shutdown/Restart** button.

1. To start the printer after it has been turned off by using the **Power** switch, set the **Power** switch to On.



CHANGING THE DISPLAY LANGUAGE

Carry out the following steps to change the language that is displayed on the LCD display:

1. Ensure that the LCD panel indicates that the printer is ready to print.
2. Enter menu mode by pressing either the **Up-arrow** or **Down-arrow** button and press them repeatedly as required until **Menus** is highlighted.
3. Press the **Enter** button to select **Menus**.
4. Press the **Up-arrow** or **Down-arrow** buttons repeatedly as required until **System Adjust** is highlighted.
5. Press the **Enter** button to select **System Adjust**.

6. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Language is highlighted.
7. Press the **Enter** button to select Language.
8. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until the desired language is highlighted.
9. Press the **Enter** button to select this language. Ensure that an asterisk (*) appears beside the selected language.
10. Press the **Online** button to exit menu mode and return to the ready to print status.

CHECKING CURRENT SETTINGS

Carry out the following steps to generate a Configuration report (Menu Map) to confirm that your printer is correctly configured.

1. Ensure that there is A4 paper in Tray 1 (to be used in this operation).
2. Ensure that the LCD panel indicates that the printer is ready to print.
3. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Print Information is highlighted.
4. Press the **Enter** button to select Print Information.
5. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Configuration is highlighted.
6. Press the **Enter** button to select Configuration.
7. Press the Enter button to execute the command and a Configuration document is printed.
8. After printing the configuration document, the printer returns to the ready to print status.
9. You can use this document to check your printer configuration. System values and installed accessories are listed at the top of the first page while status values and settings follow.

INTERFACES AND CONNECTION

Your printer is equipped with a selection of data interfaces:

- > **Parallel** – For direct connection to a PC. This port requires a bi-directional (IEEE 1284 compliant) parallel cable.
- > **USB** – For connection to a PC running Windows 98 or above (not Windows 95 upgraded to Windows 98) or Macintosh. This port requires a cable conforming to USB version 2.0 or above.

The printer may not work if a USB- compatible device is connected concurrently with other USB-compatible machines.

When connecting multiple printers of the same type, they appear as *****, ***** (2), ***** (3), etc. These numbers depend on the order of connecting or turning on each printer.

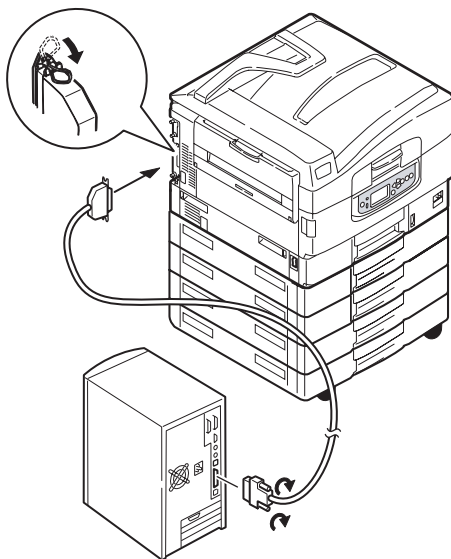
- > **Ethernet** – For network cable connection.

NOTE

Interface cables are not supplied with your printer.

CONNECTING THE PARALLEL INTERFACE

1. Turn off the printer and the computer.
2. Connect a parallel cable between the printer and computer.



3. Turn on the printer and then the computer.

CONNECTING THE USB INTERFACE

Do not connect the USB cable at this time. You will be instructed when to connect the USB cable when you run the Drivers CD, CD1.

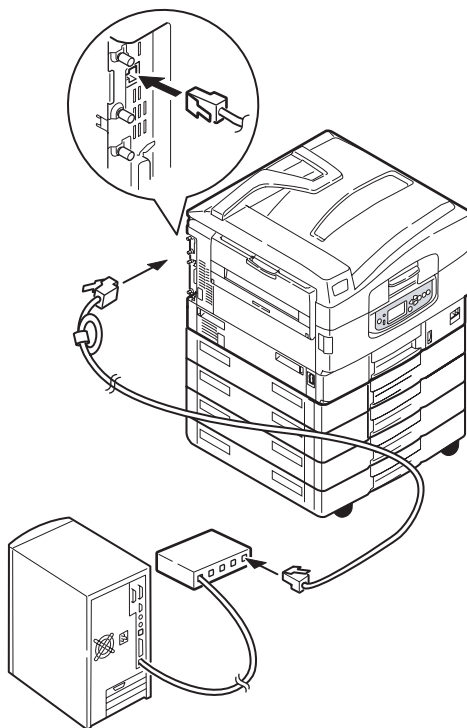
If you are connecting your printer directly to a stand alone computer proceed to the section entitled ["Using the Drivers CD" on page 52.](#)

CONNECTING THE NETWORK INTERFACE

CAUTION!

Do not connect a USB cable into the network interface connector as this may lead to malfunction.

1. Turn off the printer and the computer.
2. Connect an Ethernet cable between the printer and an Ethernet hub.



3. Turn on the printer and then the computer.

If your printer is to be installed as a network printer, please refer to the relevant section in the Configuration Guide for further details on how to configure the network connection before installing the printer drivers.

NOTE

Administrator's authority is required when installing a network connection.

USING THE DRIVERS CD

Insert the Drivers CD into your computer and follow the on-screen instructions. You are prompted to follow a set of basic steps to configure the display panel language, install drivers and other software and finally print a test page to check that your printer is operating correctly thus far.

OPERATION

USING THE PRINTER

For full details of how to use the printer and any optional accessories to print jobs efficiently and effectively, please refer to the Printing Guide.

CONSUMABLES AND MAINTENANCE

This section explains how to replace consumable and maintenance items when due. As a guide, the life expectancy of these items is:

- > Toner — 15,000 A4 pages at 5% coverage.

The printer is shipped with sufficient toner for 7,500 A4 pages in the print cartridges of which 1 – 2,000 A4 pages of toner are used to charge the image drum.

- > Image drum — 30,000 A4 pages average life
- > Transfer belt — Approximately 100,000 A4 pages
- > Fuser — Approximately 100,000 A4 pages

CHECKING CONSUMABLE/MAINTENANCE ITEM USAGE

At any time, you can check how much of each consumable/maintenance item is left by using the appropriate menus. For example, enter the menu system and follow the path:

Configuration>Supplies Life>Cyan Toner

The percentage of Cyan Toner remaining is displayed on the LCD panel and the printer then returns to the ready to print status.

REPLACEMENT INDICATIONS

The LCD panel provides messages to the effect that consumables/maintenance items are running low or nearing end of life followed some time later by a message that replacement is required. You should replace the item as soon as possible after this message is displayed to avoid the possibility of print quality being compromised.

The paper feed rollers and the multi-purpose (MP) tray feed rollers do not have any replacement warning messages. Recommended replacement: after approximately 120,000 A4 sheets.

CONSUMABLE ITEM ORDER INFORMATION

| ITEM | LIFE | ORDER NUMBER |
|---|----------------------|--------------|
| Toner, Black | 15,000 pages @ 5% | 42918916 |
| Toner, Cyan | 15,000 pages @ 5% | 42918915 |
| Toner, Magenta | 15,000 pages @ 5% | 42918914 |
| Toner, Yellow | 15,000 pages @ 5% | 42918913 |
| Toner, rainbow pack (1 ea. CMYK toner) | 15,000 A4 pages @ 5% | 43112702 |
| Image drum, Black | 30,000 pages avg | 42918108 |
| Image drum, Cyan | 30,000 pages avg | 42918107 |
| Image drum, Magenta | 30,000 pages avg | 42918106 |
| Image drum, Yellow | 30,000 pages avg | 42918105 |
| Staples | 3 x 3000 staples | 42937603 |

MAINTENANCE ITEM ORDER DETAILS

| ITEM | LIFE | ORDER NUMBER |
|------------------------------|------------------|--------------|
| Fuser unit | 100,000 pages | 42931703 |
| Belt unit | 100,000 pages | 42931603 |
| Waste toner | 30,000 pages avg | 42869403 |
| Hopping roller set (Tray) | 120,000 pages | 42931803 |
| Hopping roller set (MPT) | 120,000 pages | 42939703 |

REPLACING CONSUMABLES/MAINTENANCE ITEMS

Each consumable or maintenance item comes complete with its own installation details which give full instructions on replacement. You are advised to follow these instructions carefully.

CAUTION!

Only use genuine Oki Original consumables to ensure the best quality and performance from your hardware. Non-Oki Original products may damage your printer's performance and invalidate your warranty. Specifications subject to change without notice. All trademarks acknowledged.

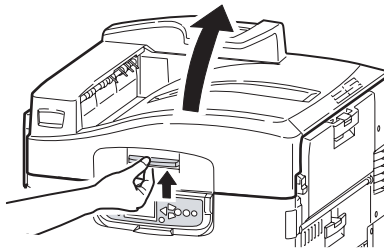
CLEANING THE LED HEADS

You are advised to clean the LED heads:

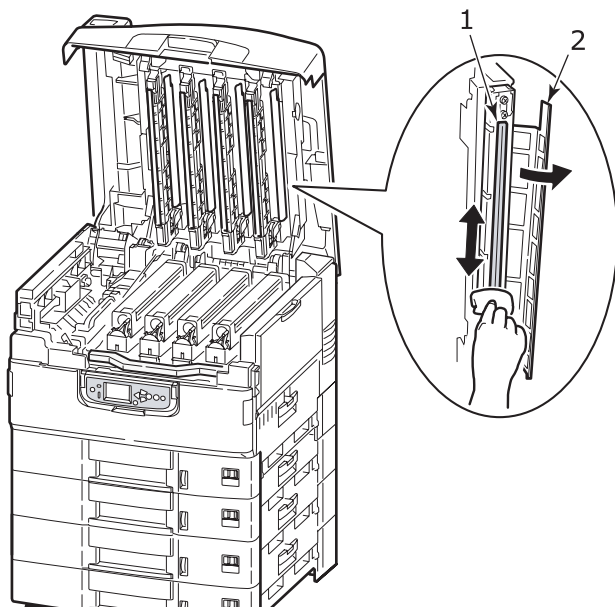
- > any time you replace a toner cartridge (a LED lens cleaner is enclosed with each replacement toner cartridge)
- > if printing is showing signs of faded images, white stripes or blurred letters

You can use a LED lens cleaner or dry, soft cloth for cleaning the LED heads.

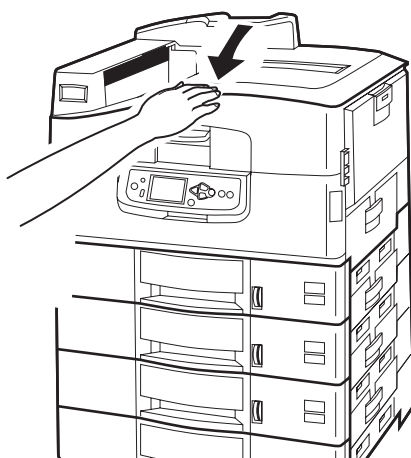
1. Open the top cover.



- 2.** With an LED lens cleaner or soft cloth, gently wipe each of the four heads (1). Move the cleaner as shown, using a clean section of the cleaner with each pass. Be careful not to damage the guards (2).



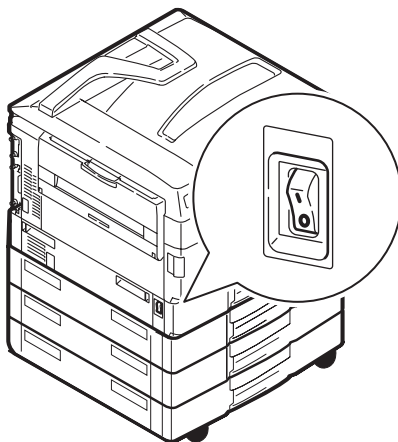
- 3.** Close the top cover.



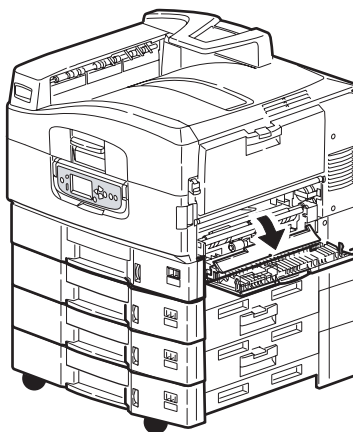
CLEANING THE PAPER FEED ROLLERS

Clean the paper feed rollers if paper jams frequently occur.

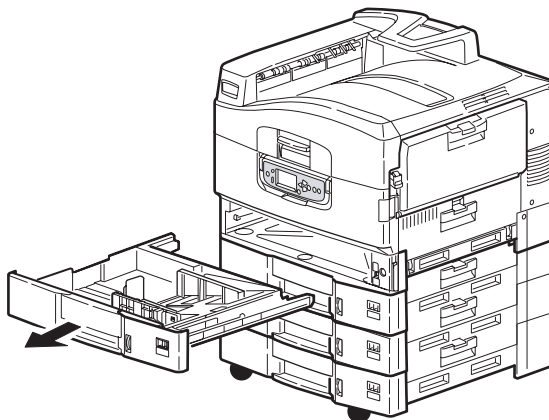
1. Remove items like a wrist watch or bracelet and follow the correct steps to turn the printer off.



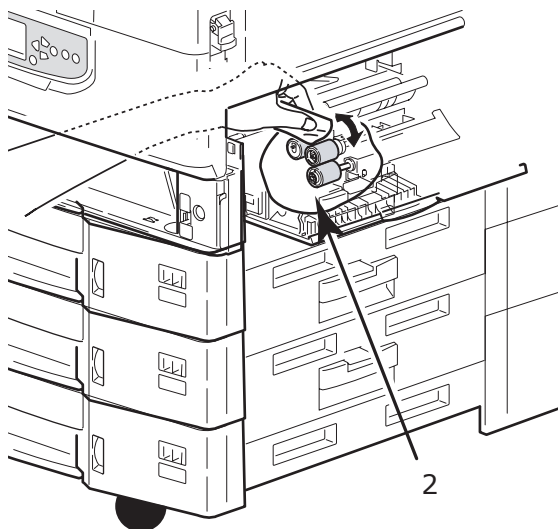
2. Open Tray 1 side cover.



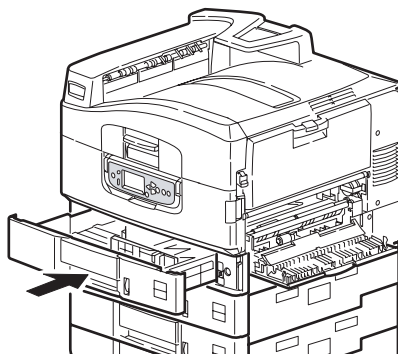
- 3.** Remove Tray 1 completely from the printer.



- 4.** Gaining access through the gap left by Tray 1, wipe the 3 paper feed rollers (2) with a soft cloth lightly moistened with water.



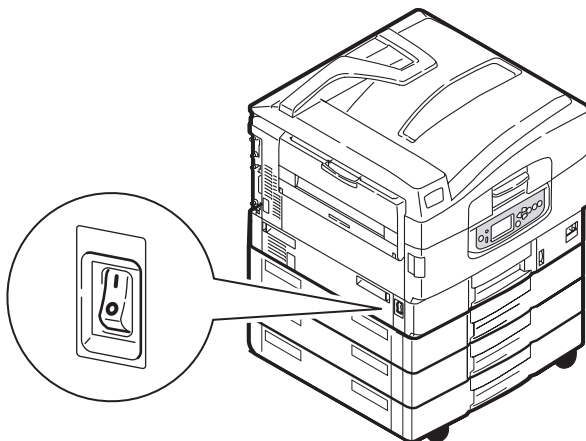
- 5.** Replace Tray 1.



- 6.** Close Tray 1 side cover.

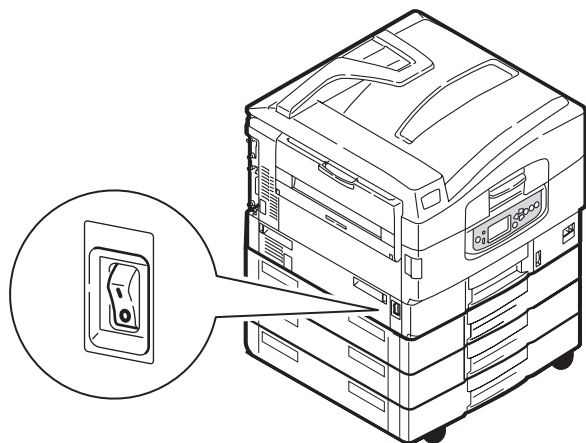


7. Turn on the printer.

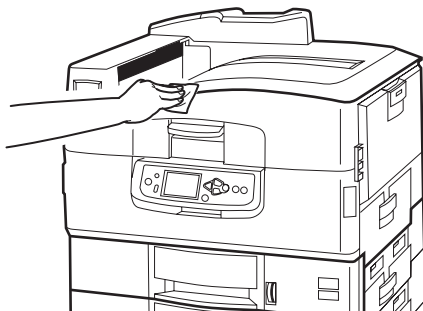


CLEANING THE PRINTER CASING

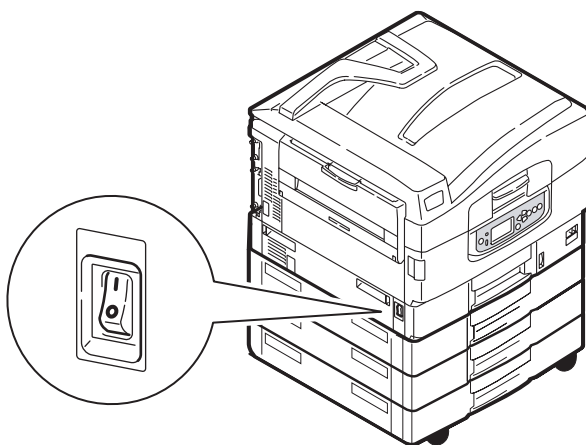
1. Follow the correct steps to turn the printer off.



- 2.** Wipe the printer surface with a soft cloth moistened sparingly with water or neutral detergent.



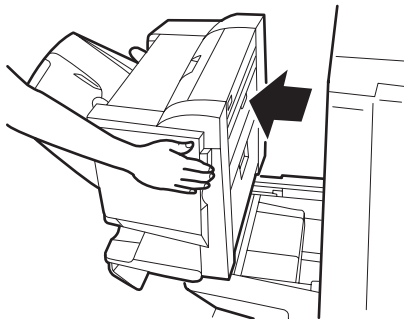
- 3.** Use a soft dry cloth to dry the printer surface.
- 4.** Turn on the printer.



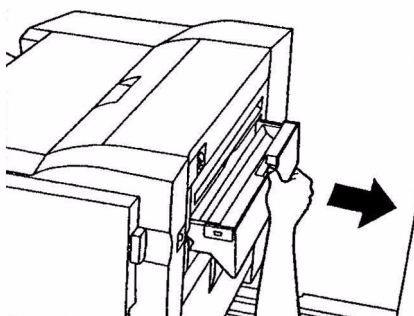
EMPTYING THE PUNCH CHIP BOX (PUNCH UNIT OPTIONAL ACCESSORY)

When the LCD panel indicates that the punch chip box is full, empty the box as follows:

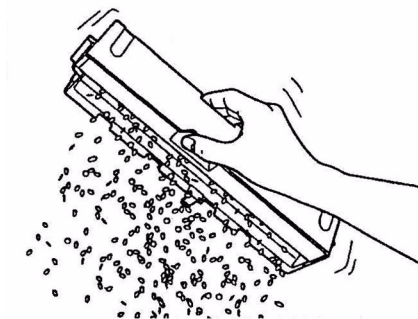
1. Operate the Finisher lever and move the Finisher away from the printer.



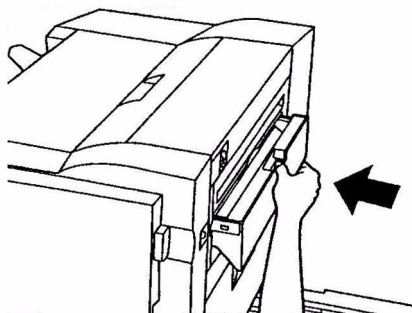
2. Pull out the punch chip box, being careful to keep it level so as not to spill any chips.



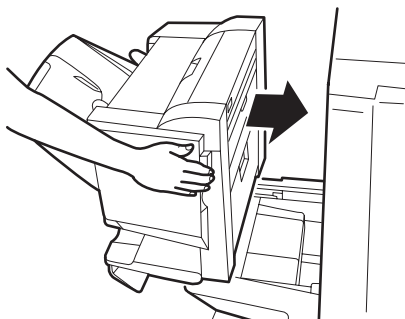
3. Discard the chips in an appropriate place.



4. Refit the punch chip box carefully into the Finisher.



5. Check that the punch chip box has been refitted correctly then move the Finisher back into position, being careful not to trap your fingers.



OPTIONAL ACCESSORIES

This section describes optional accessory equipment for your printer. The following accessories are available:

- > duplex unit (to enable two-sided printing) (C9600n only)
- > additional RAM memory
- > hard disk drive (required for verified and spooled printing, direct printing of PDFs, when collation errors appear, adding extra fonts) (C9600n and C9600dn only)
- > second, third paper tray (to increase paper input capacity)
- > high capacity feeder (equivalent to three paper trays) (C9600n, C9600dn and C9600hdn only)

NOTE

- 1.** *Tray configurations are: Tray 1 only, Tray 1 + 2nd Tray, Tray 1 + 2nd Tray + 3rd Tray, Tray 1 + HCF, Tray1 + 2nd Tray + HCF*
 - 2.** *The C9600hdtm already has a High Capacity Feeder installed and so can only accommodate one additional tray (to give the maximum total of five).*
- > Wireless LAN networking capability
 - > Finisher (for stapling printer output)
 - > Printer cabinet
 - > Punch unit (to extend Finisher functionality)

ACCESSORY ORDER INFORMATION

| ITEM | ORDER NUMBER |
|---|----------------------------------|
| Duplex unit | 42797203 |
| Additional RAM memory 128 MB 256 MB 512 MB | 01163401 01163402 01163403 |
| Hard disk drive | 01163601 |
| Second, third paper tray | 42831303 |
| High capacity feeder (HCF) | 42831503 |
| Wireless LAN card | 01163201 |
| Finisher: 4-tray 5-tray | 01166701 01166801 |
| Finisher Punch Unit: 4 hole 2 hole 4 hole (Sweden) | 42872903 42872901 42872904 |
| Cabinet (same height as HCF) | TBD |

INSTALLING ACCESSORIES

Each accessory (apart from the Finisher) comes complete with its own documentation which gives full instructions on installation. You are advised to follow these instructions carefully.

After installation, print out a Menu Map (Configuration document) to check that the installation has been successful.

NOTE

The Finisher and Punch unit must be installed by an authorised engineer.

For the following accessories, you have to make the appropriate setting in your printer driver(s):

- > duplex unit
- > paper tray(s)
- > Finisher

Refer to the Printing Guide for driver setting details.

TROUBLESHOOTING

GENERAL

If the printer display panel does not display anything or is still in standby mode 10 minutes after switching on, follow the printer shutdown sequence to switch it off. Check all cable connections before restarting the printer. If the problem persists, contact your dealer.

PAPER JAMS

This section provides information to help you deal with problems that may arise when using the printer. The following paragraphs describe actions to take in the event of a paper jam and how to deal with unsatisfactory print results. LCD panel messages about paper jams and relevant actions are given in this section while a list of other typical messages and suggested responses is given in ["Appendix A – LCD Messages" on page 107](#).

PAPER JAMS – PRINTER

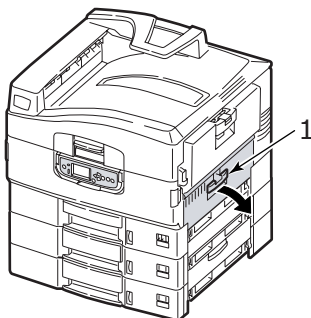
If a paper jam occurs, a message appears on the LCD panel in the printer Control Panel. You can press the Help button to display guidance on how to clear the jam.

For full details of clearing jams, refer to the following paragraphs, which correspond to the paper jam messages.

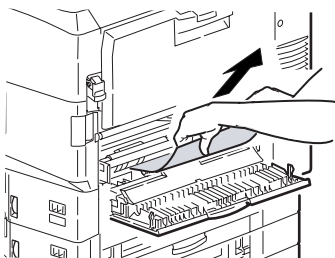
OPEN COVER, PAPER JAM, TTTTTT SIDE COVER

Tray 1, or any one of Tray 2 to Tray 5 (if installed), can appear in place of the tttttt characters in the LCD panel message. In this example Tray 1 is used, the procedure being similar for all other trays.

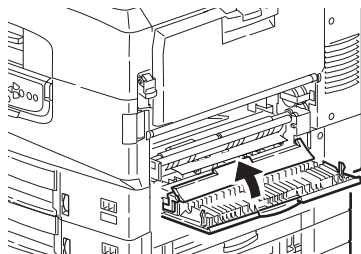
1. Squeeze the catch (1) on Tray 1 side cover and open the cover.



2. Carefully remove the jammed paper.

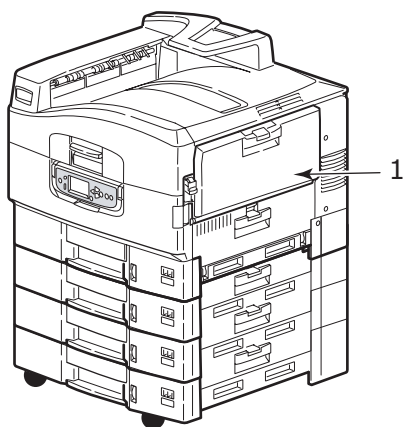


3. Close Tray 1 side cover.

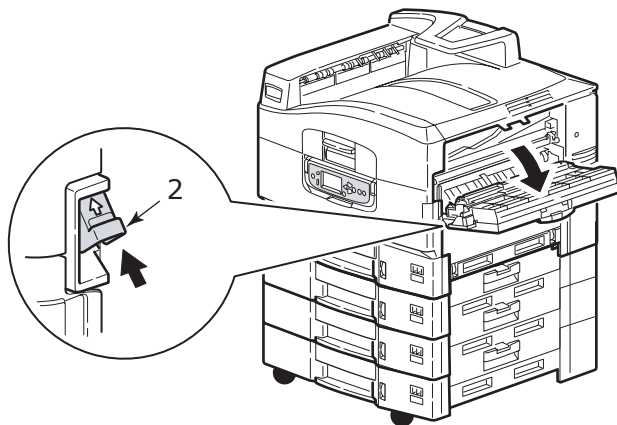


OPEN COVER, PAPER JAM, SIDE COVER

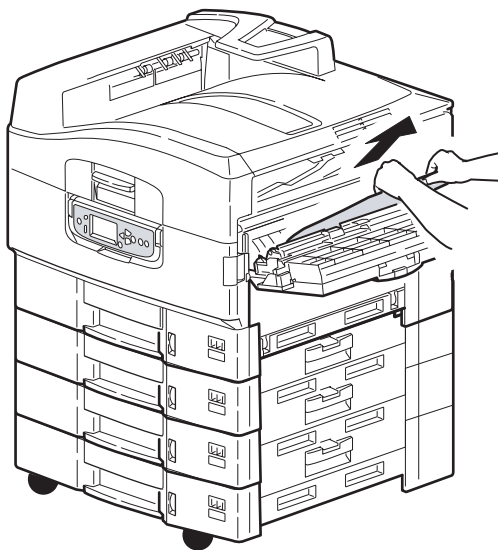
1. If the MP Tray is open, close it so that the side cover (1) is visible.



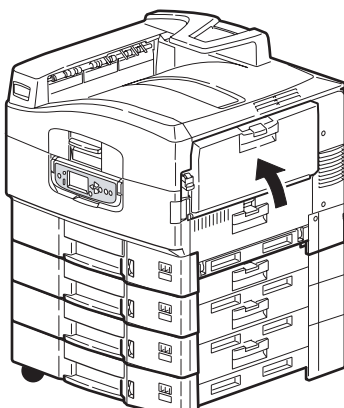
2. Pull the release lever (2) and pull open the side cover.



3. Carefully remove the jammed paper.

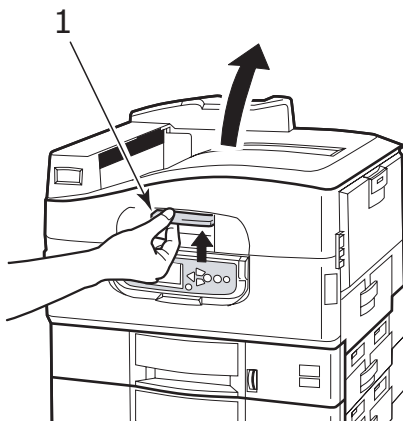


4. Close the side cover.



OPEN COVER, PAPER JAM, TOP COVER

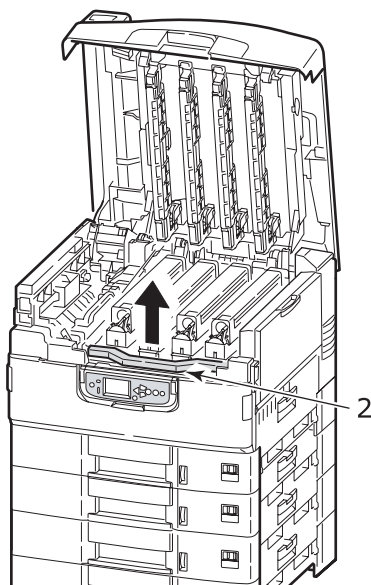
1. Squeeze the top cover handle (1) and open the top cover.



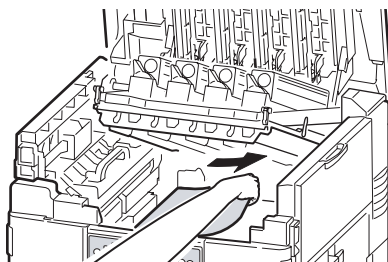
WARNING!

Be careful not to touch the fuser unit which is hot after printing.

2. Squeeze the basket handle (2) and raise the drum basket.



3. Carefully remove any paper on the belt.

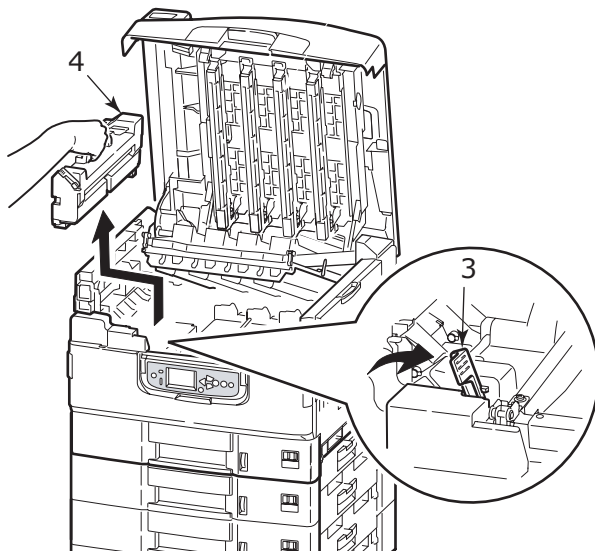


4. If paper is jammed in the fuser unit, push the lock lever (3) in the direction shown to release the unit.

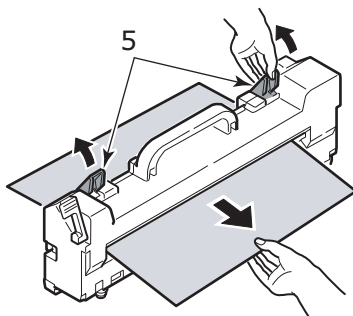
WARNING!

Be careful not to touch the fuser unit which may be hot after printing. If the fuser unit is hot, wait until it cools before attempting to remove any jammed paper.

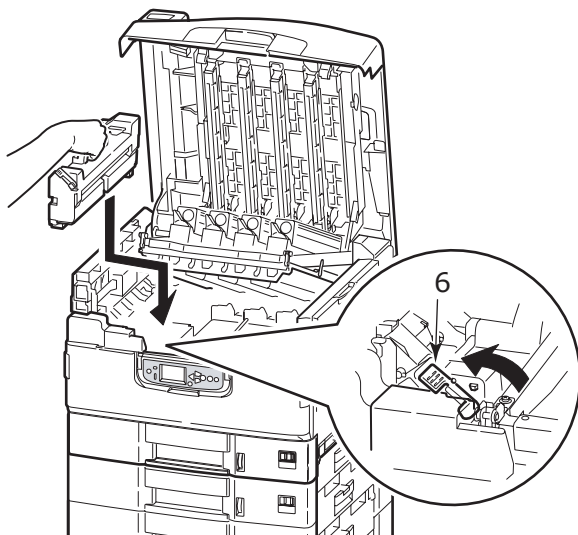
Holding the fuser unit (4) by the handle, lift it out of the printer and place it on a flat surface.



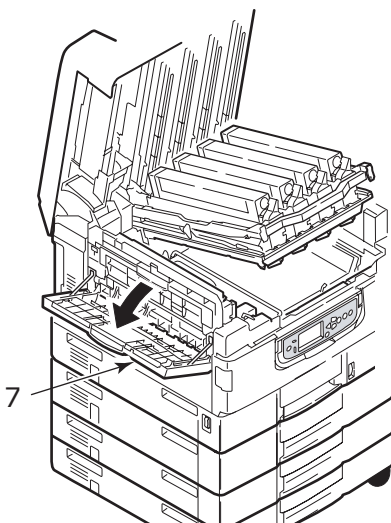
- 5.** Pull up the jam release levers (5) and remove the jammed paper.



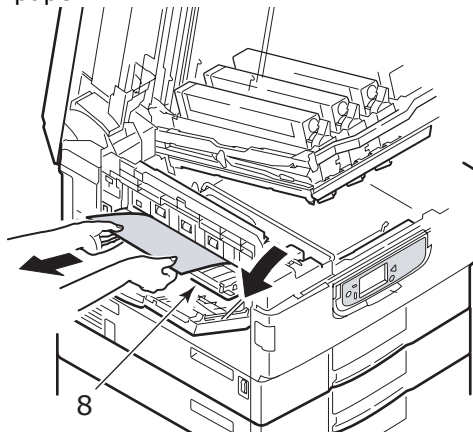
- 6.** Carefully replace the fuser unit into the printer and turn the lock lever (6) in the direction shown to lock the fuser unit.



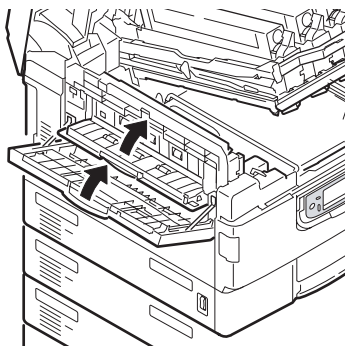
- 7.** If paper is jammed near the paper exit, open the face-up stacker (7).



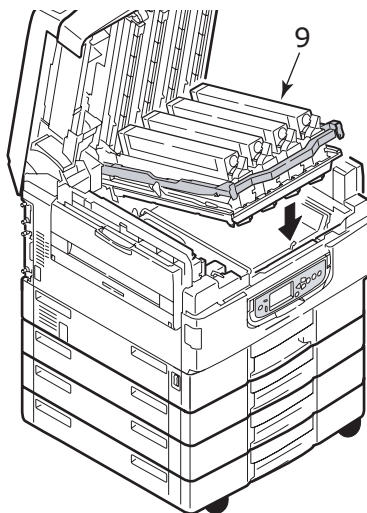
- 8.** Open the side cover (paper exit) (8) and remove the jammed paper.



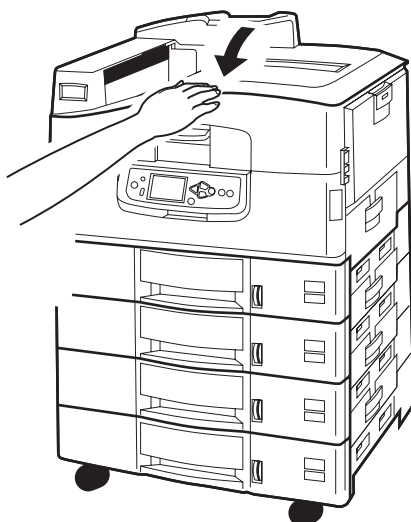
- 9.** Close the side cover (paper exit) and then the face-up stacker.



- 10.** Return the image drum basket (9) into position and check it is locked.



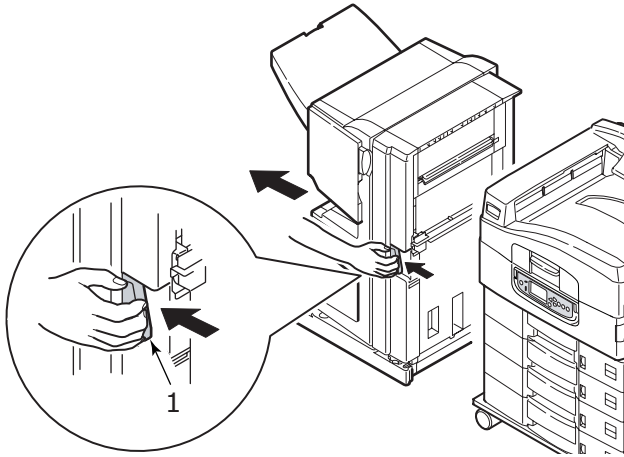
- 11.** Close the top cover and ensure it is latched.



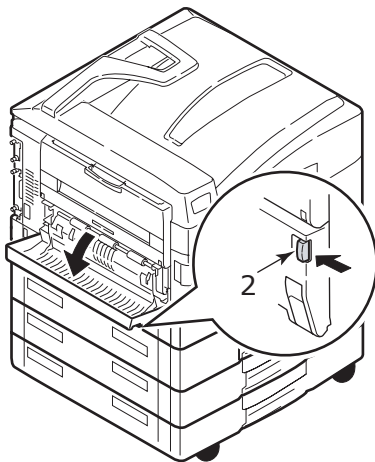
PAPER JAMS – DUPLEX UNIT (IF INSTALLED)

CHECK DUPLEX UNIT, PAPER JAM

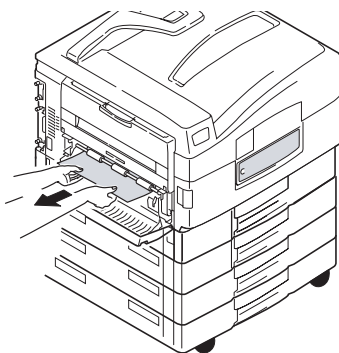
1. If a Finisher unit is attached to your printer, operate the lever (1) of the Inverter unit to separate the Inverter from the printer.



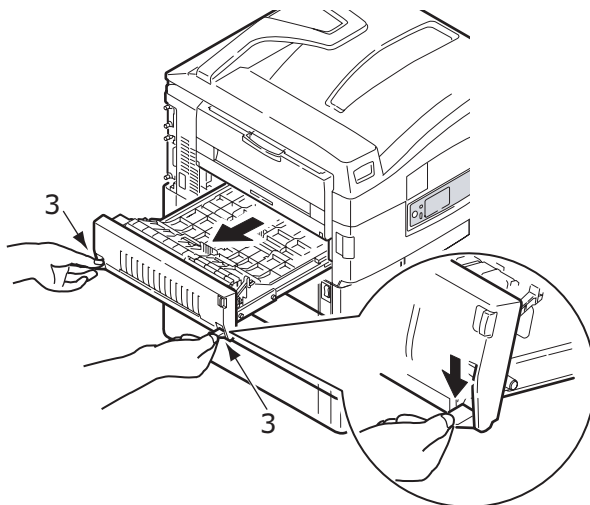
2. Operate the duplex cover release button (2) and open the cover.



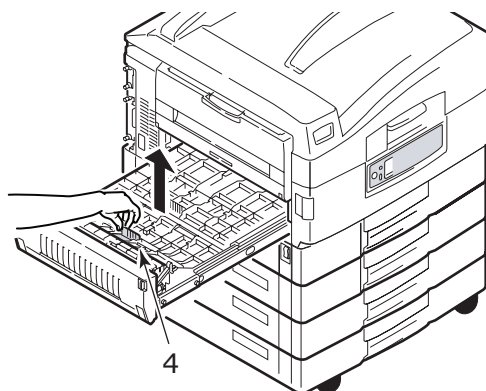
3. Carefully remove any jammed paper then close the cover.



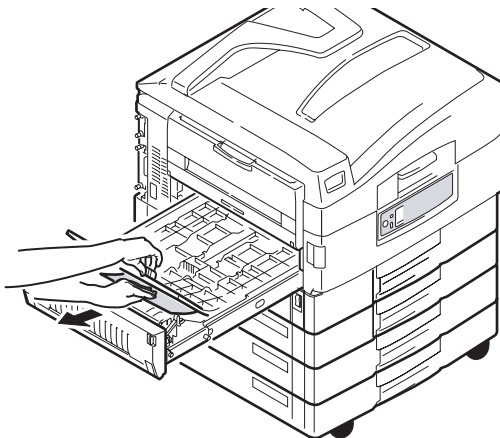
- 4.** Operate the levers (3) and pull out the duplex unit.



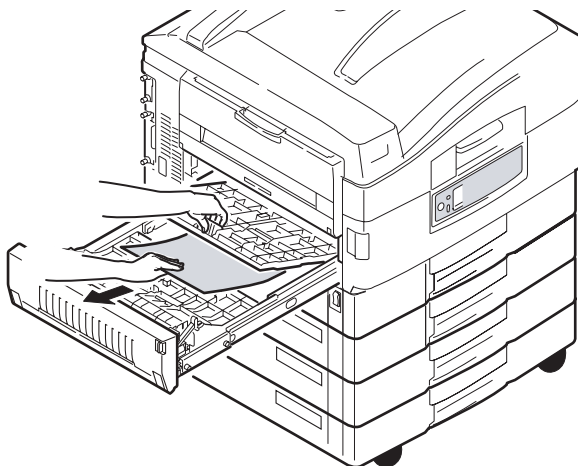
- 5.** Holding the front top cover by the grip (4), push it gently inwards and raise it.



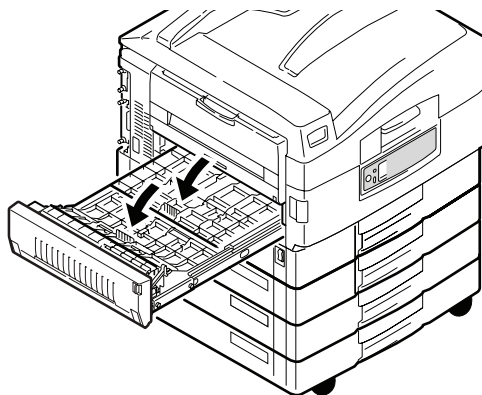
- 6.** Remove any jammed paper.



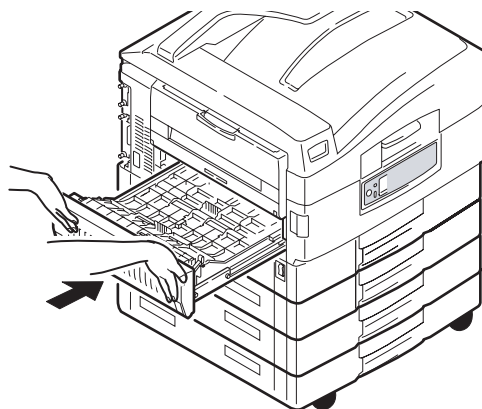
- 7.** In similar manner, check for and clear any paper jammed under the rear top cover.



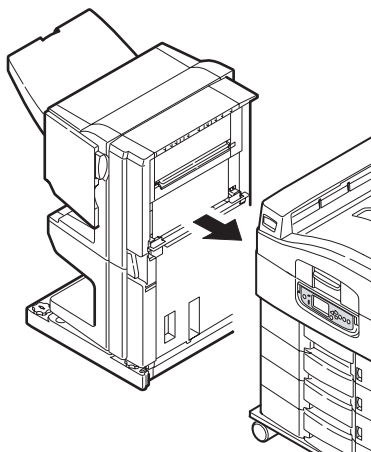
- 8.** Replace the two top covers.



- 9.** Push the duplex unit back into position.



- 10.** If you detached a Finisher unit to gain access to the duplex unit, replace the Finisher unit.



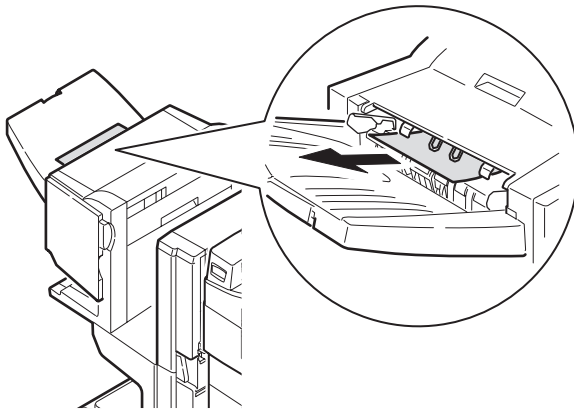
PAPER JAMS – FINISHER (OPTIONAL ACCESSORY)

CHECK FINISHER, PAPER JAM/PAPER REMAINS

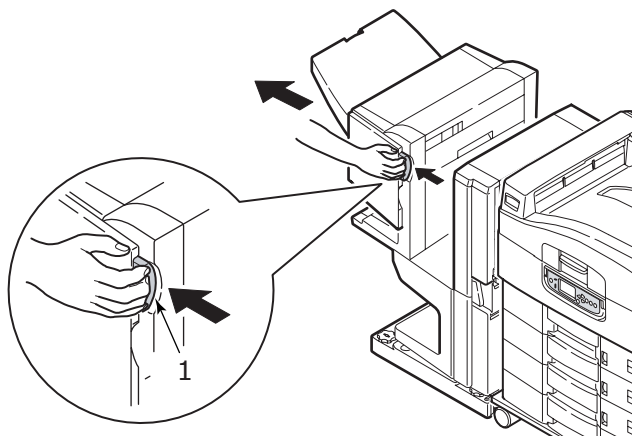
Use the Help button on the printer control panel to check the number displayed. You will need this to be able to clear the paper jam. The following paragraphs explain what to do for each of the indicated numeric codes.

591, 592, 593, 599/ 643, 645 (PAPER JAM AROUND FINISHER)

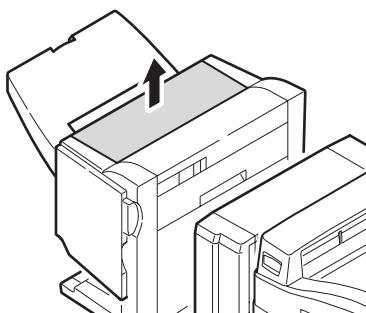
1. Remove any paper at the Finisher paper exit.



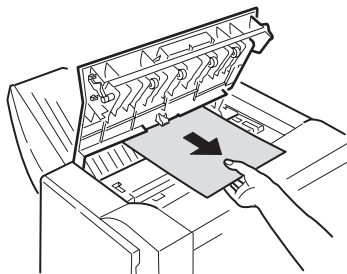
2. Operate the Finisher lever (1) and move the Finisher away from the Inverter.



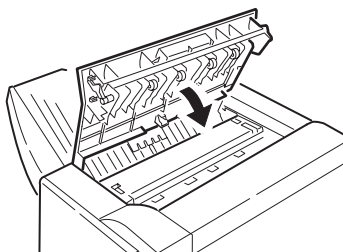
3. Open the Finisher top cover.



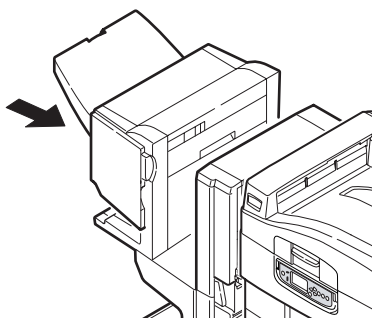
- 4.** Carefully remove any jammed paper.



- 5.** Close the Finisher top cover.

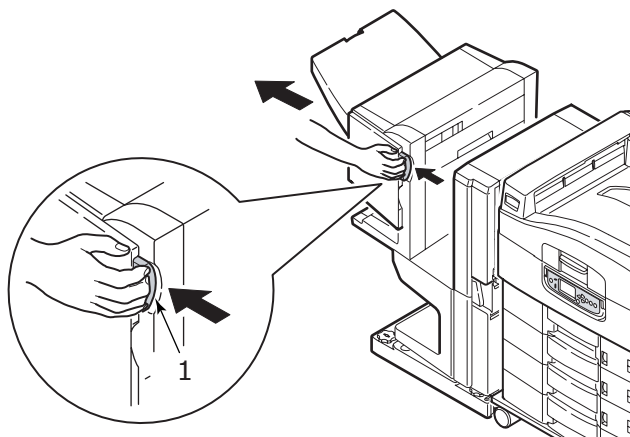


- 6.** Move the Finisher back into position and connect it to the Inverter.

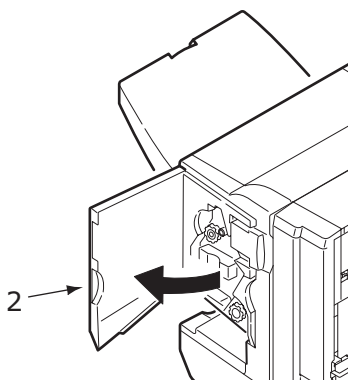


594, 597, 598/ 644, 646 (PAPER JAM IN FINISHER)

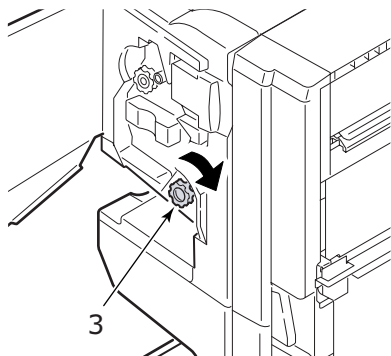
1. Operate the Finisher lever (1) and move the Finisher away from the Inverter.



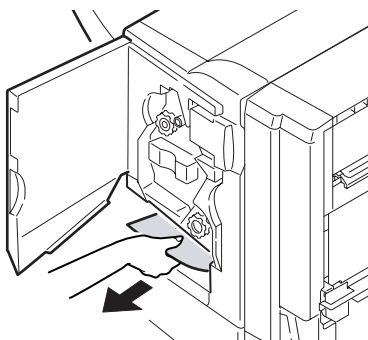
2. Open the Finisher front cover (2).



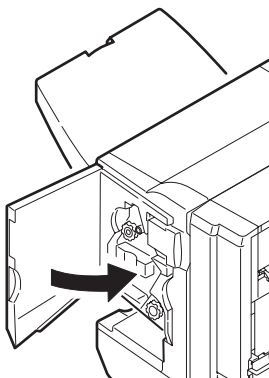
- 3.** Continue to turn the lower knob (3) clockwise until any jammed paper is completely ejected.



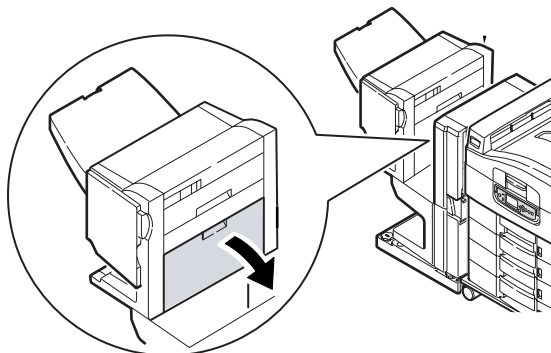
- 4.** Remove the ejected paper.



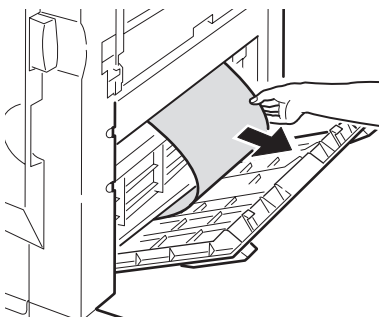
- 5.** Close the Finisher front cover.



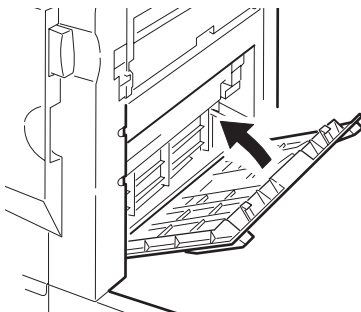
- 6.** Open the Finisher right side cover.



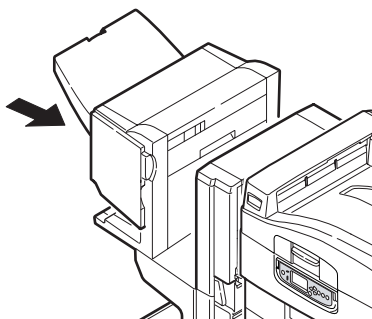
- 7.** Carefully remove any jammed paper.



- 8.** Close the Finisher right side cover.

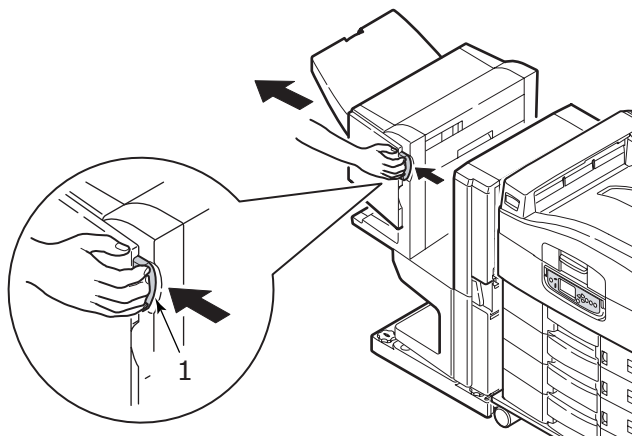


9. Move the Finisher back into position and connect it to the Inverter.

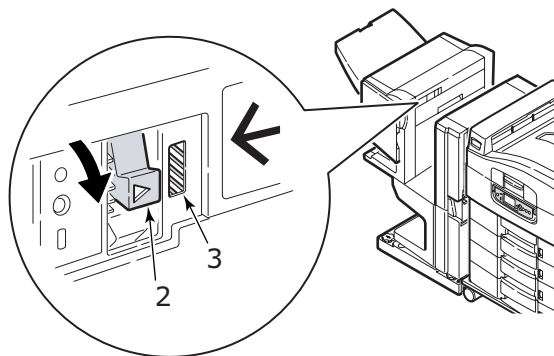


590 (PAPER JAM IN FINISHER/PUNCH UNIT)

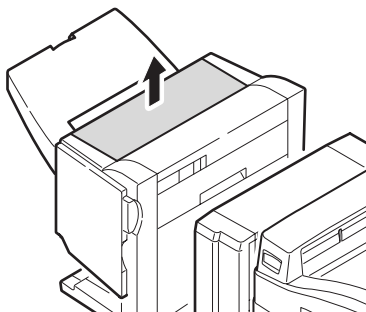
1. Operate the Finisher lever (1) and move the Finisher away from the Inverter.



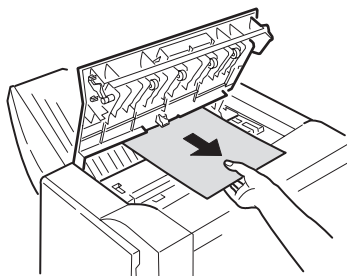
- 2.** Move the tab (2) on the right side of the Finisher to align it with the mark (3).



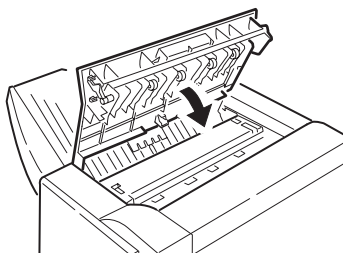
- 3.** Open the Finisher top cover.



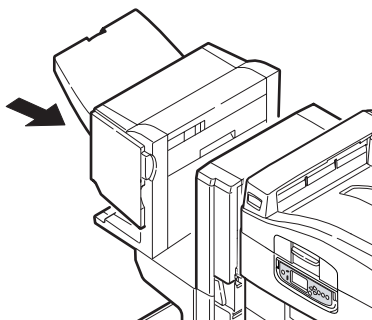
4. Carefully remove any jammed paper.



5. Close the Finisher top cover.

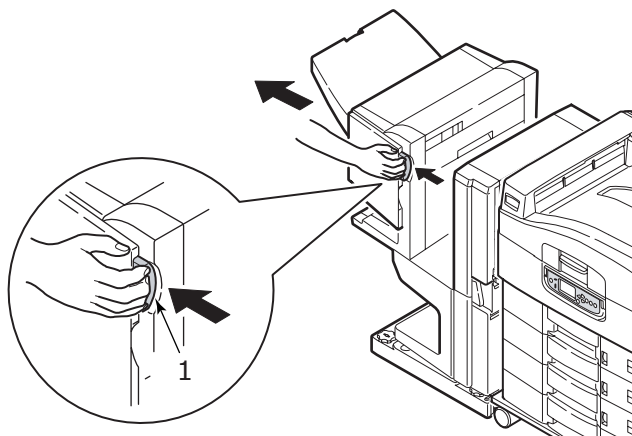


6. Move the Finisher back into position and connect it to the Inverter.

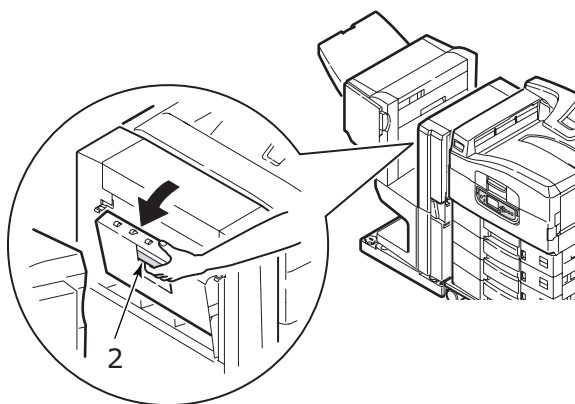


CHECK INVERTER, PAPER JAM

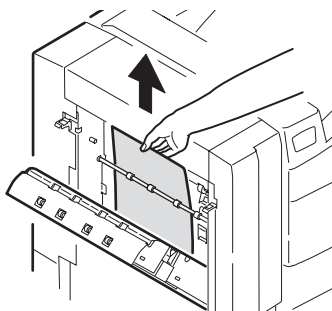
- 1.** Operate the Finisher lever (1) and move the Finisher away from the Inverter.



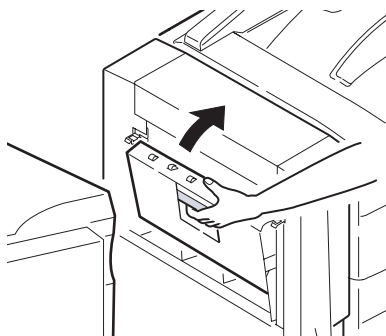
- 2.** Squeeze the recessed handle (2) and open the left side cover of the Inverter.



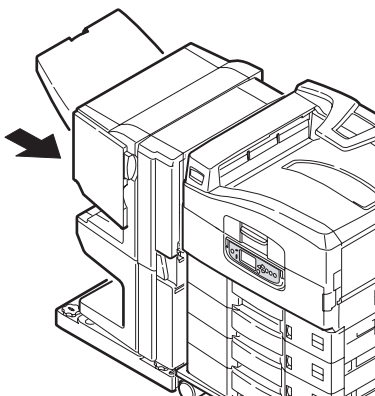
- 3.** Carefully remove any jammed paper.



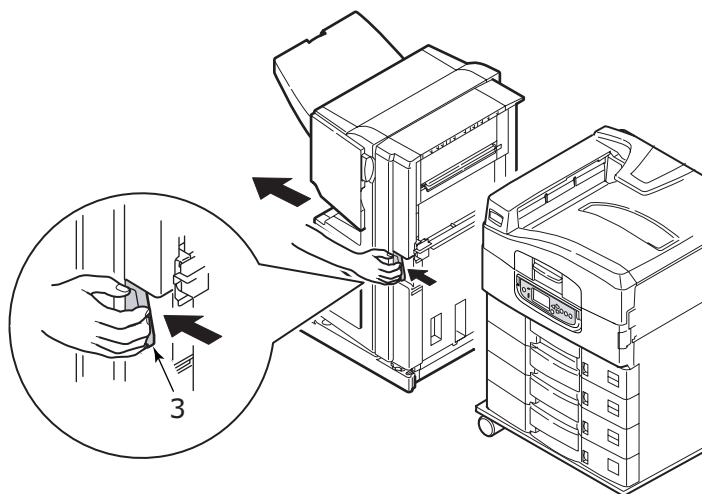
- 4.** Close the Inverter left side cover.



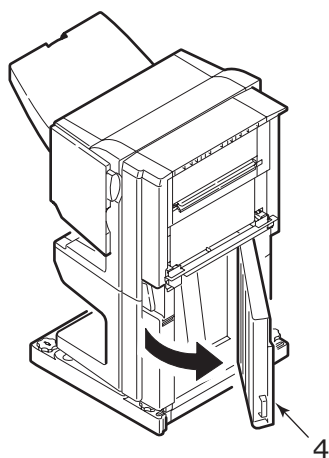
- 5.** Move the Finisher back into position and connect it to the Inverter.



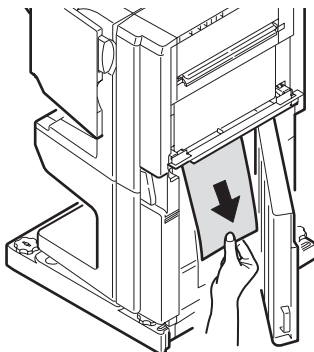
- 6.** Operate the Inverter lever (3) and separate the Inverter from the printer.



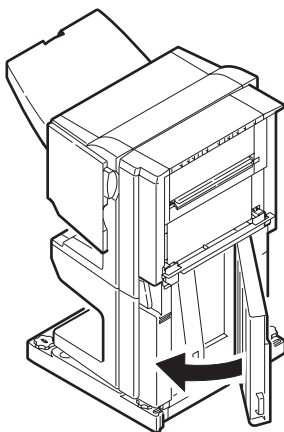
- 7.** Open the right side door (4) of the Inverter.



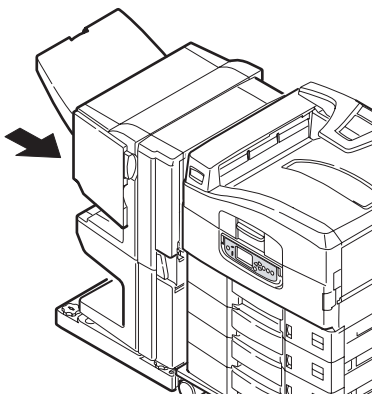
- 8.** Remove any jammed paper.



- 9.** Close the right side door.



10. Move the Finisher and Inverter back into position and connect to the printer.



AVOIDING PAPER JAMS

The following table summarises possible causes of paper jams and suggests ways of avoiding them.

| POSSIBLE CAUSE | SUGGESTED REMEDY |
|--|--|
| The printer is not level. | Place the printer on a steady, level surface. |
| Your print media is too light or too heavy. | Use appropriate media. |
| Your print media is damp or charged with static electricity. | Use media that has been stored in appropriate temperature and humidity conditions. |
| Your print media is creased or curled. | Use appropriate media. Decurled media can be used. |
| Your print media sheets are not aligned with each other. | Remove the sheets, jog them into alignment and reload them. |
| Your print media is not aligned properly in the paper tray. | Adjust the paper stop and paper guides of the tray, or the manual feed guide on the MP Tray to align the media properly. |
| Your envelopes to be printed are not oriented properly. | Adjust the orientation as required. |

| POSSIBLE CAUSE | SUGGESTED REMEDY |
|---|---|
| Your printer feed roller is dirty. | Wipe the roller with a cloth moistened with water. |
| Your printer feed rollers are wearing out. | Replace the feed rollers. |
| The media weight or type have been wrongly set. | Select the correct printer menu settings for [Media Weight] and [Media Type]. |

DEALING WITH UNSATISFACTORY PRINTING

| SYMPTOMS | POSSIBLE CAUSES | STEPS TO TAKE |
|---|--|---|
| Vertical white lines can be seen on the printed page. | The LED head is dirty. | Wipe the LED head with a LED lens cleaner or with a soft cloth. |
| | The toner is low. | Replace the toner cartridge. |
| | Foreign materials may be present in the image drum. | Replace the image drum cartridge. |
| | Light-shielding film of the image drum cartridge is dirty. | Wipe the film with a LED lens cleaner or with a soft cloth. |
| Printed images are fading vertically. | The LED head is dirty. | Wipe the LED head with a LED lens cleaner or with a soft cloth. |
| | The toner is low. | Replace the toner cartridge. |
| | The paper is not suitable for the printer. | Use recommended paper. |

| SYMPTOMS | POSSIBLE CAUSES | STEPS TO TAKE |
|---|--|--|
| Printing is light. | The toner cartridge is not properly seated. | Reinstall the toner cartridge. |
| | The toner is low. | Replace the toner cartridge. |
| | The paper is moist. | Use paper stored in proper temperature and humidity conditions. |
| | The paper is not suitable for the printer. | Use recommended paper. |
| | Thickness and type of paper are inappropriate. | Set a proper value for [Media Weight] and [Media Type] in the menu setup, or set one value thicker for [Media Weight]. |
| | Recycled paper is being used. | Set one value thicker for [Media Weight] in the menu setup. |
| Partially faded images. White spots and lines appear in solid printing. | Paper is moist or dry. | Use paper stored in proper temperature and humidity conditions. |
| Vertical lines appear. | The image drum cartridge is damaged. | Replace the image drum cartridge. |
| | The toner is low. | Replace the toner cartridge. |
| Horizontal Lines and spots appear periodically. | When the interval is about 94mm (4in), the image drum (the green tube) is damaged or dirty. | Wipe it lightly with a soft cloth. Replace the image drum cartridge when it is damaged. |
| | When the interval is about 42mm (1.5in), there may be foreign particles in the image drum cartridge. | Open/close the top cover, and print again. |
| | When the interval is about 87mm (3.5in), the fuser unit is damaged. | Replace the fuser unit. |
| | The image drum cartridge has been exposed to light. | Replace the image drum cartridge if the problem is not resolved. |

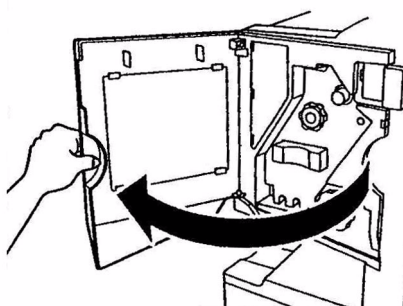
| SYMPTOMS | POSSIBLE CAUSES | STEPS TO TAKE |
|---|--|---|
| White area of paper is lightly stained. | Paper contains static. | Use paper stored in proper temperature and humidity conditions. |
| | Too thick paper is used. | Use thinner paper. |
| | The toner is low. | Replace the toner cartridge. |
| Periphery of the letters is smudged. | The LED head is dirty. | Wipe the head with LED lens cleaner or with a soft cloth. |
| Toner comes off when it is rubbed. | The thickness and type of the paper are incorrectly set. | Set the correct value of [Media Type] and [Media Weight] in the menu setup or set one value thicker for [Media Weight]. |
| | Recycled paper is used. | Set one value thicker for [Media Weight] in the menu setup. |
| Glossiness is not uniform. | The thickness and type of the paper are incorrectly set. | Set the correct value of [Media Type] and [Media Weight] in the menu setup or set one value lighter for [Media Weight]. |

STAPLE JAMS – FINISHER (OPTIONAL ACCESSORY)

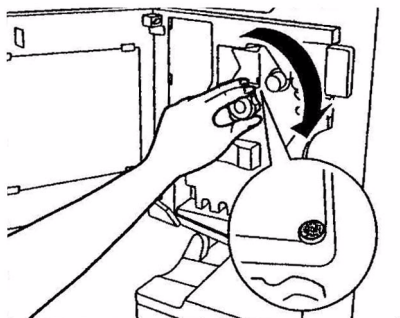
CHECK FINISHER, STAPLE JAM

When the display indicates a staple jam has occurred, clear the jam as follows:

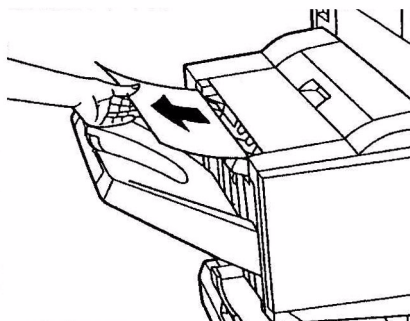
1. Open the Finisher front cover.



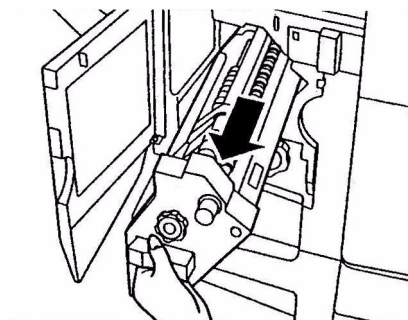
2. Turn the knob in the direction indicated until the coloured indicator appears.



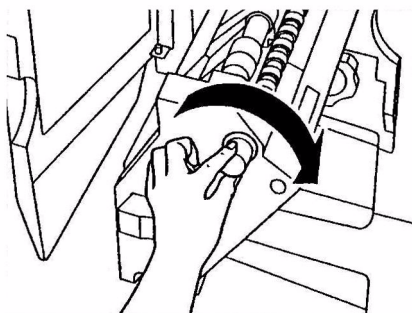
3. Remove any paper that awaits stapling in the paper ejection area.



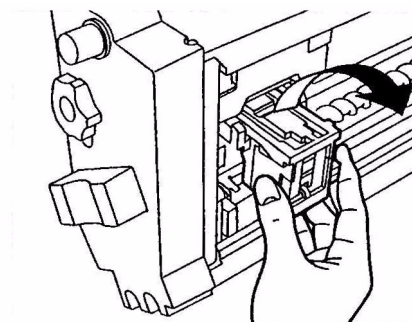
4. Pull out the staple unit.



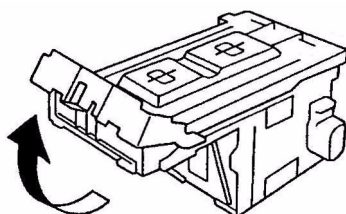
- 5.** Turn the knob in the direction indicated to move the stapler to the front.



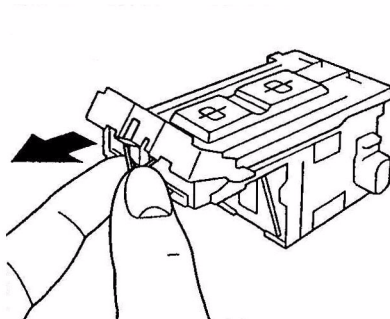
- 6.** Grip both sides of the staple cartridge, pull it up and remove it.



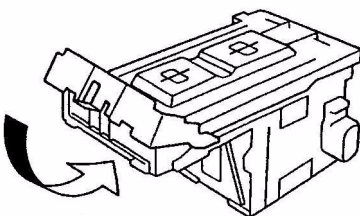
- 7.** Raise the staple cartridge gate.



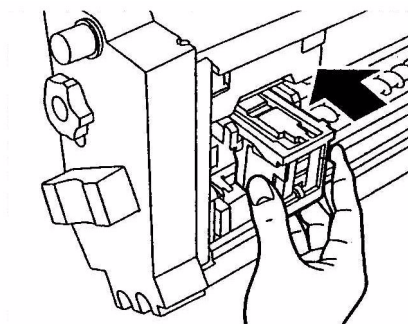
- 8.** Remove all staples that are emerging from the staple case.



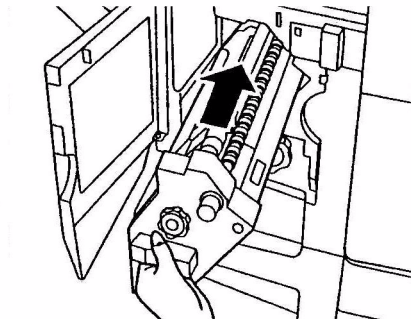
- 9.** Return the staple cartridge gate to its original position.



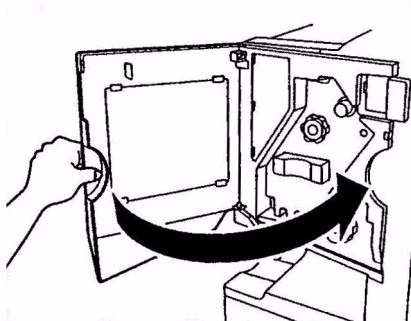
- 10.** Refit the staple cartridge.



- 11.** Ensure that the staple cartridge is securely installed back into the staple unit then push the staple unit fully home.



- 12.** Close the Finisher front cover, being careful not to trap your fingers.



SPECIFICATIONS

| ITEM | SPECIFICATION |
|-----------------------------------|---|
| Dimensions | 655x620x462mm (WxDxH) |
| Weight | Without options, approx. 76kg |
| Print speeds | 36 ppm colour; 40 ppm monochrome |
| Resolution | 1200 x 600 dpi |
| Emulations | PCL 5c, PCL XL 2.1, PS, IBM PPR, Epson FX |
| Memory | C9600n: 256 MB, expandable C9600dn, C9600hdn, C9600hdt: 512 MB expandable, Maximum: 1024 MB |
| Paper input at 80g/m ² | Trays 1 – 5: 530 sheets A4 each MP Tray: 230 sheets A4 |
| Paper weight | 64 – 268g/m ² |
| Paper output | Face-down stacker: 500 sheets Face-up stacker: 250 sheets |
| Interfaces | Parallel, USB 2.0, 10Base-T and 100Base-TX |
| Duty cycle | 150,000 pages/month maximum |
| Toner life | 15,000 A4 pages @ 5% coverage |
| Image drum life | 30,000 A4 pages |
| Belt life | 100,000 A4 pages |
| Fuser life | 100,000 A4 pages |
| Waste toner container life | 30,000 A4 pages at 5% coverage |
| Power rating | 220 – 240 VAC, 50/60 Hz 6A |
| Power consumption | Operating: 1,500 W maximum, 750 W typical Standby: 1,300 W maximum, 200 W typical Power save: <45 W |
| Operating environment | Operating: 10 – 32°C/20 – 80%RH Off: 0 – 43°C/10 – 90%RH |

| ITEM | SPECIFICATION |
|-------------|---|
| Noise level | Operating: 54dBA maximum Standby: 40dBA maximum Power save: 40dBA maximum after 30 mins background level |

APPENDIX A – LCD MESSAGES

The LCD panel messages are intended to be self-explanatory. Representative messages are given as examples below.

| MESSAGE | COMMENT |
|--|--|
| Ready to Print | Your printer is online and ready to print. |
| Printing tttttt | Your printer is printing and paper is currently being fed from tttttt, where tttttt identifies a tray. |
| ttttt Near End | The paper supply in the tray identified by tttttt will run out soon. |
| ccccc Toner Low | The remaining toner of colour ccccc is running low. |
| Fuser Unit Near Life | The fuser unit is nearing the end of its working life. |
| Change Fuser Unit | The fuser unit has reached the end of its working life and has to be changed. |
| Inverter is Removed | The Inverter unit has been separated from the printer and all Finisher functions are disabled. (Finisher/Inverter is an optional accessory.) |
| Invalid Data Press ONLINE Button | Invalid data has been received by the printer. Press the ONLINE button to clear this warning. |
| Change Paper in tttttt mmmmmm pppppp Press ONLINE button Please see HELP for details | There is a mismatch between the media in the tray and print data. Load media of size mmmmmm and type pppppp into tray tttttt. The message may remain for some time after you have closed the tray. You can have the printer ignore this error for the current print job by pressing the ONLINE button. You can access help details by pressing the HELP button. |
| Install Paper ttttt mmmmmm Please see HELP for details | The printer has tried to take paper from an empty tray. Load media of size mmmmmm into tray tttttt. The message may remain for some time after you have closed the tray. You can access help details by pressing the HELP button. |
| Install Tray ttttt | The printer has tried to take paper from a tray that has been removed. Ensure that tray tttttt is correctly located or put tray tttttt loaded with paper back into the printer. |

| MESSAGE | COMMENT |
|---|---|
| <p>Open Cover Paper Remains ttttt Please see HELP for details</p> | <p>Additional paper has been detected after a paper jam has been cleared. Open ttttt side cover to check for additional paper. You can access help details by pressing the HELP button.</p> |
| <p>Check Image Drum cccccc Please see HELP for details</p> | <p>Check that the image drum of colour cccccc is correctly installed. You can access help details by pressing the HELP button.</p> |

APPENDIX B – MENU SYSTEM

The top-level Functions menus are:

- > Configuration
- > Print Information
- > Print Secure Job
- > Menus
- > Admin Setup
- > Calibration
- > Print Statistics

The two other special top-level menus are:

- > Boot Menu
- > System Maintenance

The following tables summarise the Configuration, Print Information, Print Secure Job and Menus menu trees and provide some usage examples. The menu trees are given to the lowest menu item level. Typically, this can be a parameter that can be set by selecting from a range of values provided or a command that can be executed to display or print a status or setting value.

Emboldened values followed by an (A) denote default values associated with locations where A4 is default paper size. Emboldened values followed by an (L) denote default values associated with locations where Letter is default paper size. Emboldened values followed by neither (A) nor (L) denote common defaults.

Certain menus and items associated with, for example, the Finisher appear only if the associated hardware is installed or under certain conditions.

The remainder of the menus above are intended for more specialised usage and are not described further here. For full details of using all menus to configure and use the printer, refer to the Configuration Guide.

CONFIGURATION

PRINT PAGE COUNT

| ITEM | VALUE | DESCRIPTION |
|-----------------|--------|---|
| Colour Page | nnnnnn | Displays number of colour printed pages converted to A4 equivalent. |
| Monochrome Page | nnnnnn | Displays number of monochrome printed pages converted to A4 equivalent. |
| Traym | nnnnnn | Displays total printed pages from Traym, where m is in range 1 to 5. |
| MP Tray | nnnnnn | Displays total printed pages from MP tray. |

FINISHER COUNT

| ITEM | VALUE | DESCRIPTION |
|----------|--------|---|
| Staple | nnnnnn | Displays total pages stapled. |
| Punch | nnnnnn | Displays total pages punched. |
| Finisher | nnnnnn | Displays total pages ejected into the Finisher. |

SUPPLIES LIFE

| ITEM | VALUE | DESCRIPTION |
|----------------------|----------------|---|
| xxxx Drum | Remaining nnn% | Displays the remaining life span of the xxxx drum as a percentage where xxxx can be Cyan, Magenta, Yellow, Black. |
| Belt | Remaining nnn% | Displays the remaining life span of the belt unit as a percentage. |
| Fuser | Remaining nnn% | Displays the remaining life span of the fuser unit as a percentage. |
| xxxx Toner (n.nK) | Remaining nnn% | Displays the remaining life span of xxxx toner as a percentage, where xxxx can be Cyan, Magenta, Yellow, Black. (n.nK) indicates the capacity of the toner cartridge being used. |

NETWORK

| ITEM | ITEM | VALUE | DESCRIPTION |
|---|--------------------|--------------------------------------|--|
| Slot1: 100/10 Base | Printer Name | xxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxx | Displays printer name (DNS or PnP) in wired network. |
| | Short Printer Name | xxxxxxxxxxxxxxxx | Displays printer name (NetBEUI) in wired network. |
| | IP Address | xxx.xxx.xxx.xxx | Displays IP address. |
| | Subnet Mask | xxx.xxx.xxx.xxx | Displays subnet mask. |
| | Gateway Address | xxx.xxx.xxx.xxx | Displays gateway address. |
| | MAC Address | xx.xx.xx.xx.xx.xx | Displays the network MAC address. |
| | Network FW Version | xx.xx | Displays the network firmware version. |
| | Web Remote Version | xx.xx | Indicates the network web page version. |
| Slot2: Wireless (displayed only when Wireless LAN Card installed) | Network Type | Ad-Hoc Infrastructure | Displays network type. |
| | Communication Mode | Auto 802.11b | Displays communication mode. |
| | Channel | 1 – 13 | Displays channel number. |
| | SSID | ***** ***** | Displays SSID. |
| | Authentication | Open Shared key WPA-PSK EAP | Displays authentication type. |

| ITEM | ITEM | VALUE | DESCRIPTION |
|---|------------------------|--------------------------------------|--|
| Slot2: Wireless (displayed only when Wireless LAN Card installed) | Printer Name | xxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxx | Displays printer name (DNS or PnP) in wireless network. |
| | Short Printer Name | xxxxxxxxxxxxxxxx | Displays printer name (NetBEUI) in wireless network. |
| | IP Address | xxx.xxx.xxx.xxx | Displays IP address. |
| | Subnet Mask | xxx.xxx.xxx.xxx | Displays subnet mask. |
| | Gateway Address | xxx.xxx.xxx.xxx | Displays gateway address. |
| | MAC Address | xx.xx.xx.xx.xx.xx | Displays the network MAC address. |
| | Network FW Version | xx.xx | Displays the network firmware version. |
| | Web Remote Version | xx.xx | Displays the network web page version. |
| | Wireless FW Version | xx.xx | Displays the wireless firmware version. |
| | Wireless ID Version | xxxxxxxx.xx.xxx xxxxxx | Displays the wireless hardware version. |

PAPER SIZE IN TRAY

| ITEM | VALUE | DESCRIPTION |
|---|---|--|
| Traym where m is in range 1 to 5 (similar arrangement for all trays) | Executive Letter Short Edge Letter Long Edge Legal 14 Legal 13.5 Tabloid Tabloid Extra Legal 13 A6 A5 A4 Short Edge A4 Long Edge A3 A3 Nobi A3 Wide B5 Short Edge B5 Long Edge B4 Postcard Double Postcard Custom | Displays detected paper size of Traym. |
| MP Tray | Similar to values for Traym | Displays detected paper size of the MP Tray. |

SYSTEM

| ITEM | VALUE | DESCRIPTION |
|---------------|------------------|--|
| Serial Number | xxxxxxxxxxxxxxxx | Displays serial no. of the printer. |
| Asset Number | xxxxxxx | Displays Asset Number. Asset Number is 8 alphanumeric characters that can be assigned by a user. Same as Asset Number of Menu Map. |
| CU Version | xx.xx | Displays version no. of CU (Control Unit) firmware. Same as CU version of Menu Map. |
| PU Version | xx.xx.xx | Displays version no. of PU (Print Unit) firmware. Same as PU version of Menu Map. |

| ITEM | VALUE | DESCRIPTION |
|--------------|----------------|--|
| Total Memory | xx MB | Displays total RAM memory installed in the printer. Same as Total Memory of Menu Map. |
| Flash Memory | xx MB [Fxx] | Displays total flash memory installed in the printer and version. Same as Flash Memory of Menu Map. |
| HDD | xx.xx GB [Fxx] | Displays size of hard disk and file system version. Same as HDD of Menu Map. |

CONFIGURATION EXAMPLE – MONOCHROME PAGES PRINTED

To display the total monochrome pages printed so far (remembering that a duplex page counts as two pages):

1. Ensure that the LCD panel indicates that the printer is ready to print.
2. Enter menu mode by pressing either the **Up-arrow** or **Down-arrow** button and press them repeatedly as required until the Configuration menu is highlighted.
3. Press the **Enter** button to select this menu.
4. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Print Page Count is highlighted.
5. Press the **Enter** button to select this Item.
6. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Monochrome Page is highlighted.
7. Press the **Enter** button and the monochrome page count is displayed.
8. Press the **Online** button to exit menu mode and return to the ready to print status.

PRINT INFORMATION

| ITEM | | ITEM | | DESCRIPTION |
|---------------------|------------------------|-------------------|---------|---|
| Configuration | Execute | | | Prints printer configuration details. |
| Network | Slot 1: 100/10 Base | Print Summary | Execute | Prints summary information about the wired network. |
| | | Print Information | Execute | Prints full information about the wired network. |
| | Slot 2: Wireless | Print Summary | Execute | Prints summary information about the wireless network. |
| | | Print Information | Execute | Prints full information about the wireless network. |
| Demo Page | Demo 1 | Execute | | Prints a demo page. |
| File List | Execute | | | Prints a list of jobs stored on the Hard Disk (if installed). |
| PS Font List | Execute | | | Prints PostScript font list |
| PCL Font List | Execute | | | Prints PCL emulation font list. |
| Usage Report | Execute | | | Prints all of Job Log. |
| Error Log | Execute | | | Prints the error log. |
| Colour Profile List | Execute | | | Prints a colour profile list. |

PRINT INFORMATION EXAMPLE – DEMONSTRATION PAGE

To print a printer demo page to demonstrate how your printer prints:

1. Ensure that the LCD panel indicates that the printer is ready to print.
2. Enter menu mode by pressing either the **Up-arrow** or **Down-arrow** button and press them repeatedly as required until the Print Information menu is highlighted.
3. Press the **Enter** button to select this menu.
4. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Demo page is highlighted.
5. Press the **Enter** button to select this Item.
6. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Demo 1 is highlighted.
7. Press the **Enter** button to select this Item and the demo page is printed.
8. After printing, the printer returns to ready to print status.

PRINT SECURE JOB

| ITEM | VALUE | DESCRIPTION |
|----------------|-----------------|---|
| Enter Password | nnnn | Enter a password to use secure printing. |
| Not Found | | Use a secure printing job (Secure Job) or a job Stored to HDD when printing. When you print a Secure document, it is deleted from the HDD. When you print a document Stored to HDD, it prints and remains stored on the HDD until you manually delete it. Not Found: (no jobs) is indicated when there is no output file. The following messages are displayed when there are printable files. Print: When you select Print, Set Collating Amount is displayed to enable you to specify a number of copies. After specifying the number of copies, press Enter to print all jobs with the specified number of copies. Delete: When you select Delete, you are prompted to recheck by Yes/No display, and selecting Yes deletes all jobs. |
| Secure Job | Print Delete | |

MENUS

TRAY CONFIGURATION

| ITEM | VALUE | | DESCRIPTION |
|--|---|---|---|
| Paper Feed | Tray1 Tray2 Tray3 Tray4 Tray5 MP Tray | | Specifies a feed tray. Indicated only when Tray2–5 implemented. |
| Auto Tray Switch | ON OFF | | Sets the automatic tray switch function. |
| Tray Sequence | Down Up Paper feed tray | | Specifies selection order priority for automatic tray selection/automatic tray switch. |
| Unit of Measure | Inch (L) mm (A) | | Specifies units for custom paper size. |
| Traym Config, where m is in range 1 to 5 (similar arrangement for all trays) | Paper Size | Tray Size Custom | Sets paper in Traym. |
| | X Dimension | 3.9 – 8.3 (A) – 8.5 (L) – 12.9 inch 100 – 210 (A) – 216 (L) – 328 mm | Sets Custom paper width for Traym. Sets for the direction perpendicular to the direction of paper movement. |
| | Y Dimension | 5.8 – 11 (L) – 11.7 (A) – 18 inch 148 – 279 (L) – 297 (A) – 457 mm | Sets Custom paper length for Traym. Sets for the same direction as paper movement. |
| | Media Type | Plain Letterhead Transparency Bond Recycled Card stock Rough Glossy User Type1 User Type2 User Type3 User Type4 User Type5 | Sets the media type for Traym. User Type1 to User Type5 are reserved for custom paper sizes set in the printer driver. |

| ITEM | VALUE | | DESCRIPTION |
|--|----------------|--|---|
| Traym Config, where m is in range 1 to 5 (similar arrangement for all trays) | Media Weight | Auto Light Medium Light Medium Medium Heavy Heavy Ultra Heavy 1 Ultra Heavy 2 Ultra Heavy 3 | Sets media weight for Traym. |
| | A3 Nobi Paper | A3 Nobi A3 Wide Tabloid Extra | The printer detects A3 Nobi, A3 Wide and Tabloid Extra sizes as the same. Use this setting to tell the printer which of the three sizes is loaded in Traym. |
| | Legal 14 Paper | Legal 14 Legal 13.5 | Sets the length of the legal paper in Traym. Change this to Legal 13.5 if that is the standard legal size in your country. |
| | A5/A6 Paper | A5/A6 Postcard | The printer detects A5, A6 and Postcard sizes as the same. Use this setting to tell the printer which of the three sizes is loaded in Traym. |

| ITEM | VALUE | | DESCRIPTION |
|----------------|-------------|--|--|
| MP Tray Config | Paper Size | A3 Nobi A3 Wide A3 A4 Sht Edge A4 Long Edge (A) A5 A6 B4 B5 Short Edge B5 Long Edge Legal 14 Legal 13.5 Tabloid Extra Tabloid Letter Sht Edge Letter Long Edge (L) Executive Custom Com-9 Envelope Com-10 Envelope Monarch Envelope DL Envelope Landscape Postcard Double postcard C5 C4 Index Card | Sets paper size for MP Tray. |
| | X Dimension | 3 – 8.3 (A) – 8.5 (L) – 12.9 inch 76 – 210 (A) – 216 (L) – 328 mm | Sets Custom paper width for the MP Tray. Sets for the direction perpendicular to the direction of paper movement. |
| | Y Dimension | 3.5 – 11.0 (L) – 11.7 (A) – 47.2 inch 90 – 279 (L) – 297 (A) – 1200 mm | Sets Custom paper length for MP Tray. Sets for the same direction as paper movement. |

| ITEM | VALUE | | DESCRIPTION |
|----------------|------------|---|---|
| MP Tray Config | Media Type | Plain Letterhead Transparency Labels Bond Recycled Card stock Rough Glossy Envelope User Type1 User Type2 User Type3 User Type4 User Type5 | Sets the media type for MP Tray. |
| | | Auto Light Medium Light Medium Medium Heavy Heavy Ultra Heavy 1 Ultra Heavy 2 Ultra Heavy 3 | Sets the media weight for MP Tray. |
| | Tray Usage | Normal Tray | Tray selection/switching uses this tray as the normal tray. |
| | | When Mismatching | If a paper size or type in a tray is not matched to that of the print data, use paper from this tray instead of the specified tray. |
| | | Do Not Use | Makes the MP tray unavailable in auto tray selection/switching. |
| | | | |

SYSTEM ADJUST

| ITEM | VALUE | DESCRIPTION |
|-------------------|--|--|
| Power Save Time | 5 min 15 min 30 min 60 min 240 min | Sets the period after which power save mode starts. |
| Clearable Warning | Online Job | When Online is selected, you must manually clear the warning by pressing the Online button. Change to Job if you wish the message to automatically clear when a new print job is received. |
| Auto Continue | ON OFF | Sets whether the printer is automatically recovered when Memory Overflow or Tray Request occurs. |
| Manual Timeout | OFF 30 sec 60 sec | If paper is not fed within this time in manual feed, the job is cancelled. |
| Wait Timeout | OFF 5 sec 10 sec 20 sec 30 sec 40 sec 50 sec 60 sec 90 sec 120 sec 150 sec 180 sec 210 sec 240 sec 270 sec 300 sec | Sets the time period between stopping receipt of job data and forced print. For PS, printing is not carried out and the job is cancelled. |

| ITEM | VALUE | DESCRIPTION |
|--------------|---|---|
| Low Toner | Continue Stop | Sets the printing operation when insufficient toner is detected. Continue: the printer can continue printing while remaining online. Stop: the printer stops printing and goes offline. |
| Jam Recovery | ON OFF | ON: continues printing the job, including any jammed pages, once the jam has been cleared. OFF: Cancels a job including the page currently jammed. |
| Error Report | ON OFF | ON: prints an error report during the occurrence of an internal error. This item is valid only for PS and PCLXL. |
| Language | English German French Italian Spanish Swedish Norwegian Danish Dutch Turkish Portuguese Portuguese (Brazil) Polish Russian Greek | Sets the language to be used in the LCD panel and local printing. |

| ITEM | VALUE | | DESCRIPTION |
|-----------------------|-------------------------|---|---|
| Print Position Adjust | X Adjust | 0.00 +0.25 – +2.00 -2.00 – -0.25 mm 0.00 +0.01 – +0.08 -0.08 – -0.01 in | Adjusts the position of the whole printing image (0.25 mm, 0.01 in interval) perpendicular to the direction of paper movement (i.e. horizontally). |
| | Y Adjust | 0.00 +0.25 – +2.00 -2.00 – -0.25 mm 0.00 +0.01 – +0.08 -0.08 – -0.01 in | Adjusts the position of the whole printing image (0.25 mm, 0.01 in interval) parallel to the direction of paper movement (i.e. vertically). |
| Print Position Adjust | Duplex X Adjust | 0.00 +0.25 – +2.00 -2.00 – -0.25 mm 0.00 +0.01 – +0.08 -0.08 – -0.01in | During the flip-side printing of duplex printing, adjusts the location of the whole printing image (0.25 mm, 0.01in interval) perpendicular to the direction of paper movement (i.e. horizontally). |
| | Duplex Y Adjust | 0.00 +0.25 – +2.00 -2.00 – -0.25 mm 0.00 +0.01 – +0.08 -0.08 – -0.01 in | During the flip-side printing of duplex printing, adjusts the location of the whole printing image (0.25 mm, 0.01 in interval) parallel to the direction of paper movement (i.e. vertically). |
| Drum Cleaning | ON OFF | | Set to produce idling of a drum before printing in order to reduce horizontal white lines. This shortens image drum life. |
| Hex Dump | Execute | | Prints out the data received from the host PC in hexadecimal code. |

MENUS EXAMPLE 1 – TRAY 1 TRANSPARENCIES

To print on transparencies (accommodated in Tray1):

- 1.** Ensure that the LCD panel indicates that the printer is ready to print.
- 2.** Enter menu mode by pressing either the **Up-arrow** or **Down-arrow** button and press them repeatedly as required until the Menus menu is highlighted.
- 3.** Press the **Enter** button to select this menu.
- 4.** Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Tray Configuration is highlighted.
- 5.** Press the **Enter** button to select this Item.
- 6.** Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Tray1 Config is highlighted.
- 7.** Press the **Enter** button to select this Item.
- 8.** Press the **Up-arrow** or **Down-arrow** buttons repeatedly until MediaType is highlighted.
- 9.** Press the **Enter** button to select this Item.
- 10.** Press the **Up-arrow** or **Down-arrow** buttons repeatedly to move through the range of media types until Transparency is highlighted.
- 11.** Press the **Enter** button to select this value.
- 12.** Check that an asterisk (*) appears beside Transparency.
- 13.** Press the **Online** button to exit menu mode and return to the ready to print status.

MENUS EXAMPLE 2 – MP TRAY PAPER SIZE

To set paper size in the MP Tray:

1. Ensure that the LCD panel indicates that the printer is ready to print.
2. Enter menu mode by pressing either the **Up-arrow** or **Down-arrow** button and press them repeatedly as required until the Menus menu is highlighted.
3. Press the **Enter** button to select this menu.
4. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Tray Configuration is highlighted.
5. Press the **Enter** button to select this Item.
6. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until MP Tray Config is highlighted.
7. Press the **Enter** button to select this Item.
8. Press the **Up-arrow** or **Down-arrow** buttons repeatedly until Paper Size is highlighted.
9. Press the **Enter** button to select this Item.
10. Press the **Up-arrow** or **Down-arrow** buttons repeatedly to move through the range of paper sizes until the required size is highlighted.
11. Press the **Enter** button to select this value.
12. Check that an asterisk (*) appears beside the chosen size.
13. Press the **Online** button to exit menu mode and return to the ready to print status.

INDEX

A

- accessories 65
 - installing 67
 - order details 66
- arrow buttons 40

B

- back button 40

C

- cancel button 40
- cleaning
 - feed rollers 58
 - LED heads 56
 - printer casing 61
- clearing
 - paper jams 68
 - staple jams 100
- consumables
 - replacing 54
- control panel
 - adjusting 39
 - controls 39
- current settings
 - checking 48

D

- display 40
 - Configuration information 42
 - Help information 42
 - Menu information 41
 - messages 107
 - Status information 41
- display language
 - changing 47

E

- enter button 40

F

- features
 - optional 17
 - standard 16

H

- help button 40

I

- indicator light
 - attention 40
 - ready 40
- interface
 - Ethernet 49, 51
 - parallel 49, 50

- USB 49, 50

M

- maintenance items
 - order details 55
 - replacing 54
- menu
 - Admin Setup 109
 - Boot Menu 109
 - Calibration 109
 - Configuration 109, 110
 - Menus 109, 118
 - Print Information 109, 116
 - Print Secure Job 109, 117
 - Print Statistics 109
 - System Maintenance 109
 - using 43

O

- online button 40

P

- paper
 - face-down stacker 31
 - face-up stacker 31
 - inputs 29
 - loading 32
 - MP tray 30
 - outputs 29
 - stackers 37
 - trays 30
- paper jams
 - avoiding 97
 - duplex 78
 - finisher 84
 - inverter 93
 - side cover 69
 - top cover 72
- printer
 - components 23
 - location 44
 - specifications 105
- printing 53
- punch chip box
 - emptying 63

R

- recommended media 28

S

- shutdown/restart button 39
- software 28
- specifications 105

T

| | |
|-----------------------|----|
| troubleshooting | 68 |
| turning | |
| off | 45 |
| on | 47 |

U

| | |
|-------------------------------|----|
| unsatisfactory printing | 98 |
| user's guide | |
| printing | 19 |

OKI CONTACT DETAILS

Oki Systems (UK) Limited

550 Dundee Road
Slough Trading Estate
Slough, SL1 4LE

Tel: 44 (0) 1753 819819
Fax: 44 (0) 1753 819899
<http://www.oki.co.uk>

Oki Systems Ireland Limited

The Square Industrial Complex
Tallaght, Dublin 24, Ireland

Tel: +353 1 4049590
Fax: +353 1 4049591
<http://www.oki.ie>

Technical Support:

Tel: +353 1 4049570
Fax: +353 1 4049555
E-mail: tech.support@oki.ie

Oki Systems (Ireland) Ltd.

(Northern Ireland)
40 Sydenham Park
Belfast, BT4 1PW

Tel: +44 (0)28 90 20 1110
<http://www.oki.ie>

Technical Support:

Tel: +44 (0)28 90 221919
E-mail: tech.support@oki.ie

Oki Data Corporation

4-11-22 Shibaura, Minato-ku, Tokyo
108-8551, Japan

Tel: (81) 3 5445 6158
Fax: (81) 3 5445 6189
<http://www.okidata.co.jp>

Oki Data (Singapore) Pte. Ltd.

78 Shenton Way, #09-01,
Singapore 079120

Tel: (65) 221 3722
Fax: (65) 421 1688
<http://www.okidata.com.sg>

Oki Systems (Thailand) Ltd.

956 Udomvidhya Building 6th Floor,
Rama IV Rd., Bangkok 10500, Thailand

Tel: (662) 636 2535
Fax: (662) 636 2536
<http://www.okisysthai.com>

Oki Hong Kong Limited

Suite 1909, Tower3,
China Hong Kong City,
33 Canton Rd., Tsimshatsui,
Kowloon, Hong Kong

Tel: (852) 2736 0130
Fax: (852) 2376 3725

The IPL Group

63-85 Victoria Street
Beaconsfield NSW 2015, Australia

Tel: (61) 2 9690 8200
Fax: (61) 2 9690 8300
<http://www.oki.com.au>

Comworth Systems Ltd.

10 Constellation Drive Mairangi Bay,
Auckland,
New Zealand

Tel: (64) 9 477 0500
Fax: (64) 9 477 0549
<http://www.comworth.co.nz>

OKI EUROPE LIMITED

Central House

Balfour Road

Hounslow TW3 1HY

United Kingdom

Tel: +44 (0) 208 219 2190

Fax: +44 (0) 208 219 2199

WWW.OKIPRINTINGSOLUTIONS.COM